



1 / 55

10 20 30 40  
MAEPROEFEVMEHDAGTYGLGDRKDQGGYTMHQDOEGDTDAGLK  
50 60 70 80 90 100  
ESPLQTPTEGDGSEEPGSETSDAKSTPTAE DVTAPLVDEGAPGKQAAAOPHTEIPEGTT  
110 120 130 140 150  
AEEAGIGDTPSLEDEAAAGHVTOARMVSKSKDGTGSDDKKAKGADGKTKIATPRGAAP  
160 170 180 190 200 210  
PGQKGOANATRIPAKTPPAPKTPPSSGEPKSGDRSGYSSPGSPGTPGSRSRTPSLP  
220 230 240  
TPPTREPKKVAVVRTPPKSPSSAKSRL  
250 260 270  
QTAPVPMPLKKNVSKSIGSTENLKHQPGGGK  
280 290 300  
VQIINKKLDLSNVQSKCGSKDNIKHVPGGGS  
310 320 330  
VQIVYKPVLDLSKVTSKCGSLGNIHHKPGGGQ  
340 350 360  
VEVKSEKLDKDRVQSKIGSLDNITHVPGGGN  
370 380 390 400  
KKIETHKLTFRENAKAKTDHGAEIVYKSPVVS GDTSPR  
410 420 430 440  
HLSNVSS TGSIDMVDS POLATLADEV SASLAKOGL

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Fig. 1 a



2 / 55

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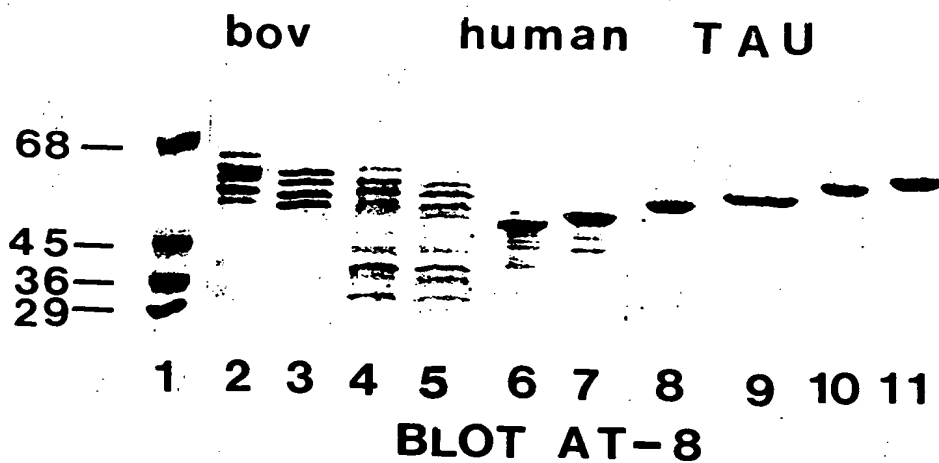
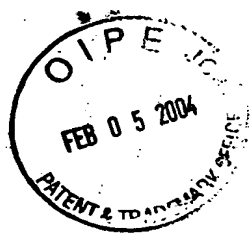


Fig. 1b



3 / 55

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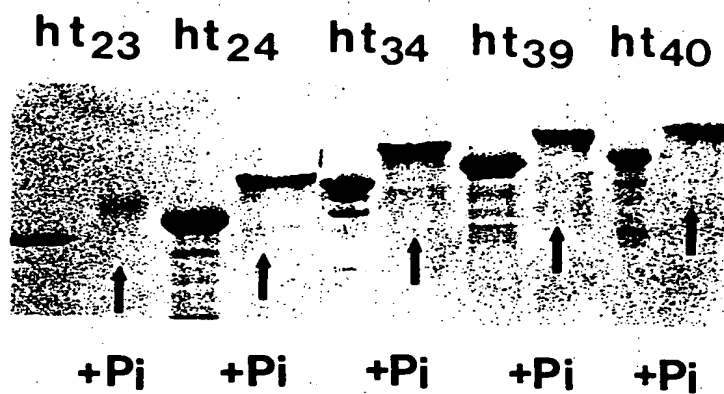


Fig. 2a

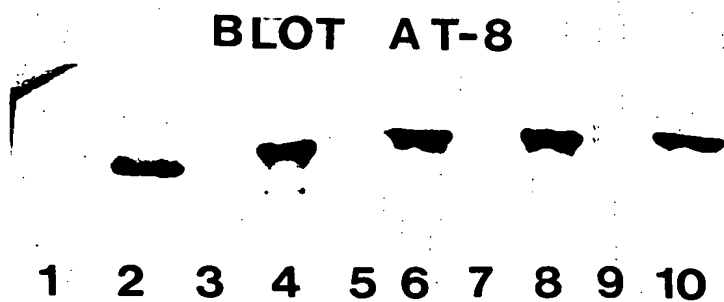


Fig. 2b



4 / 55

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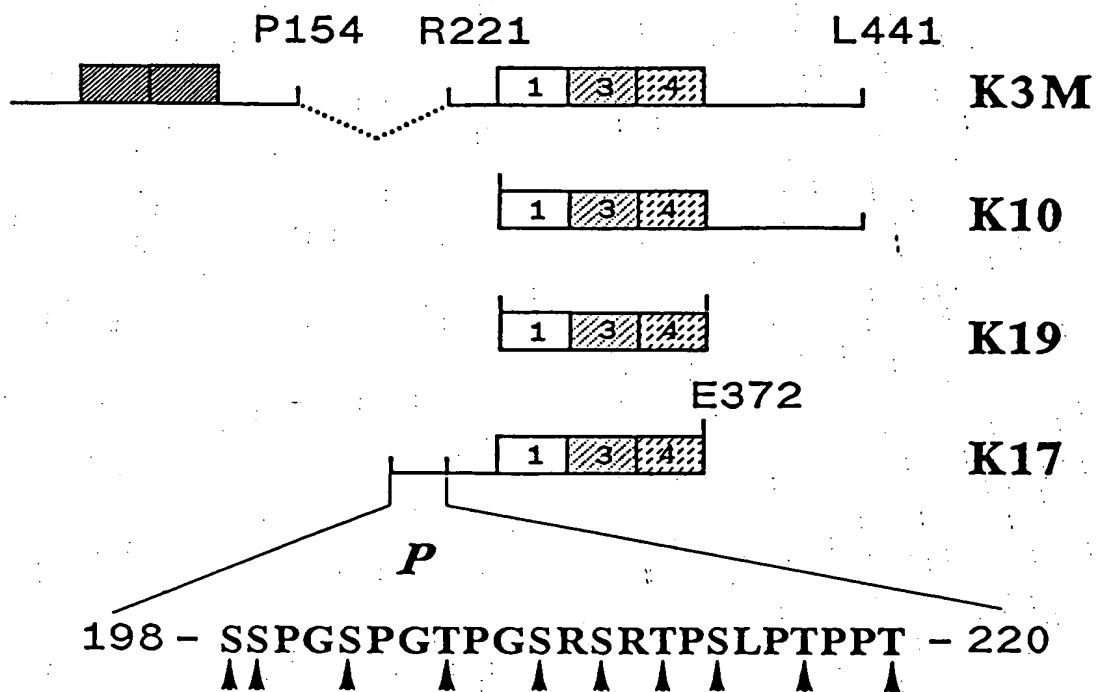


Fig.3



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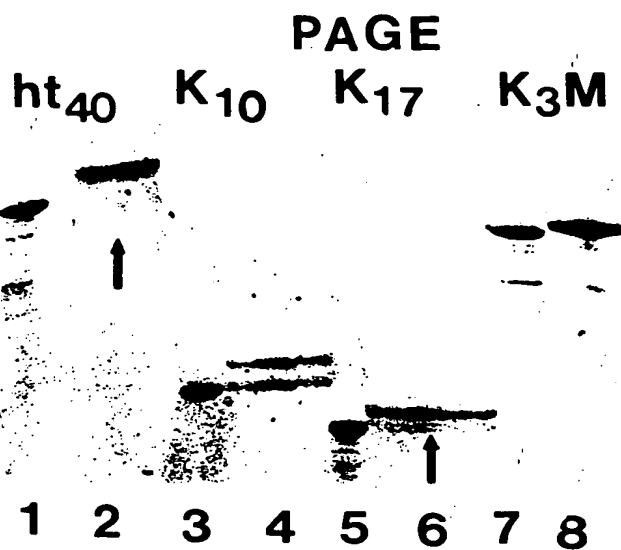


Fig. 4a

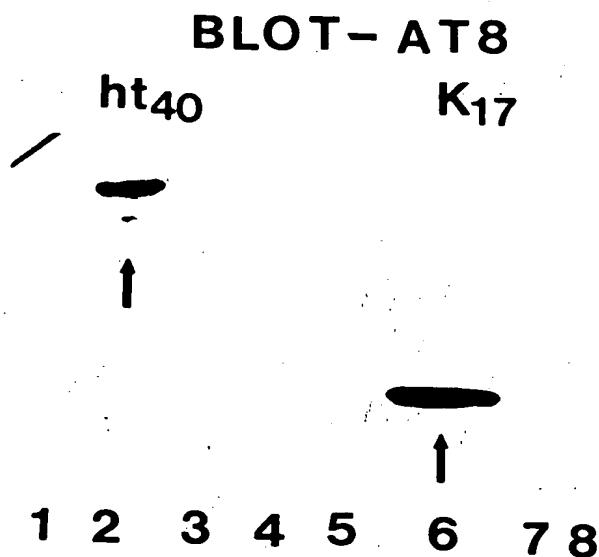


Fig. 4b

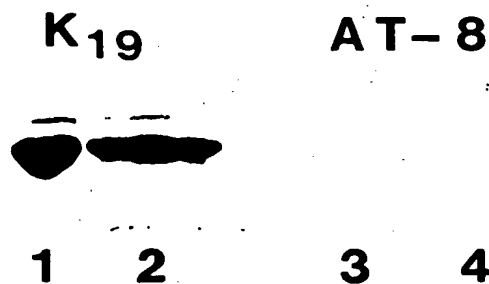


Fig. 4c



6 / 55

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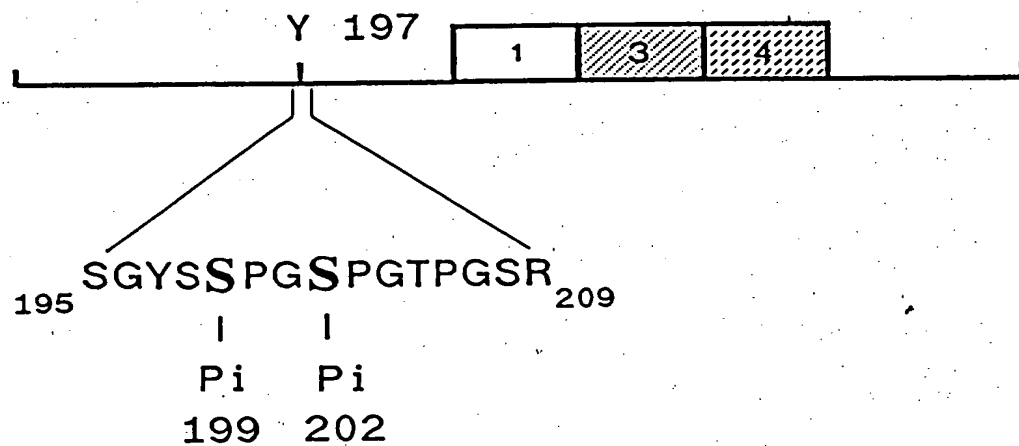
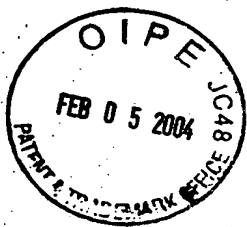


Fig.5



7 / 55

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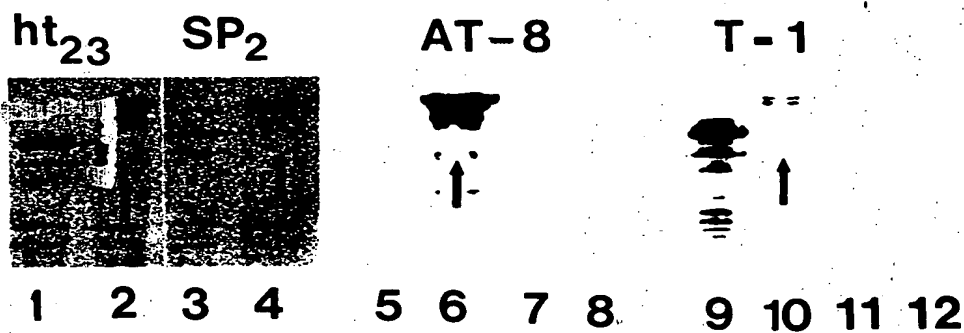


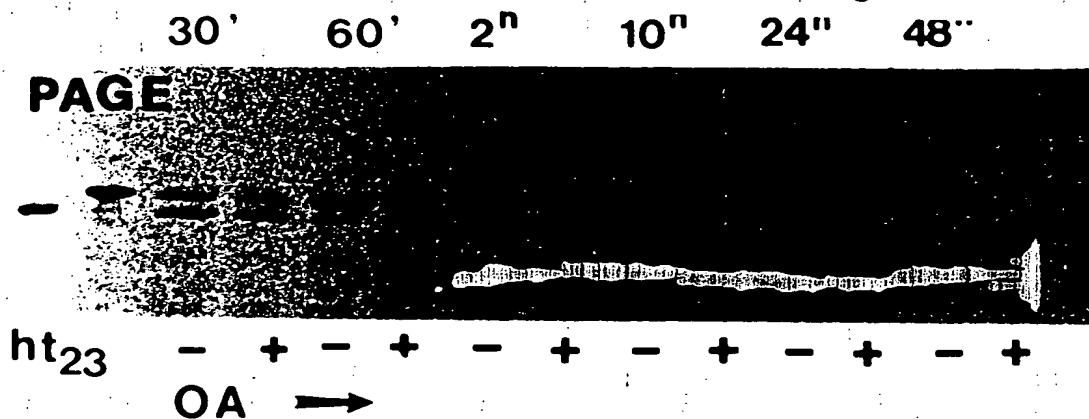
Fig. 6



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8 / 55

Fig. 7a



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1 2 3 4 5 6 7 8 9 10 11 12 13 14

Fig. 7b

Fig. 8a

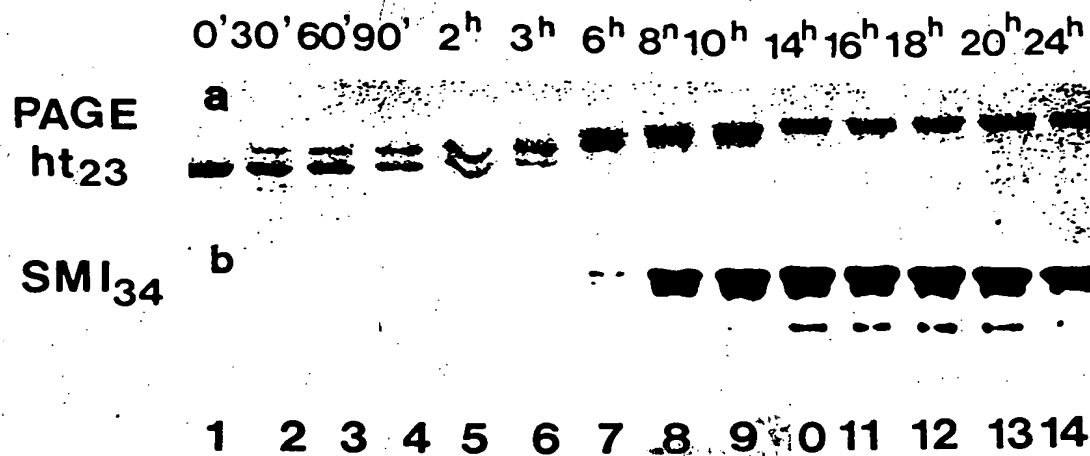
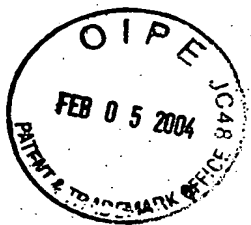


Fig. 8b





9 / 55

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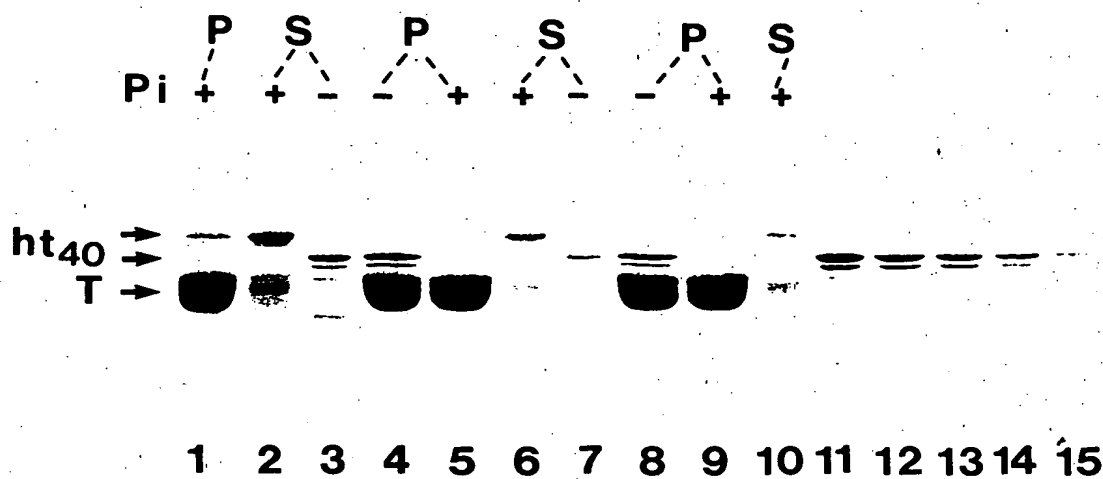


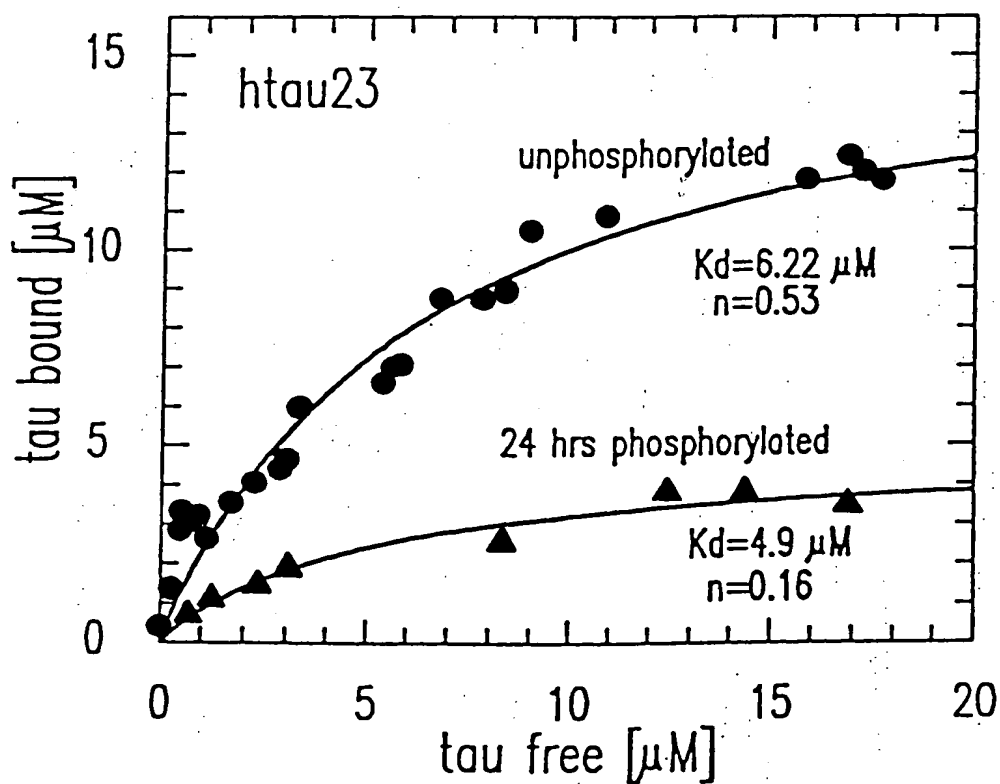
Fig. 9a



10 / 55

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Fig. 9b

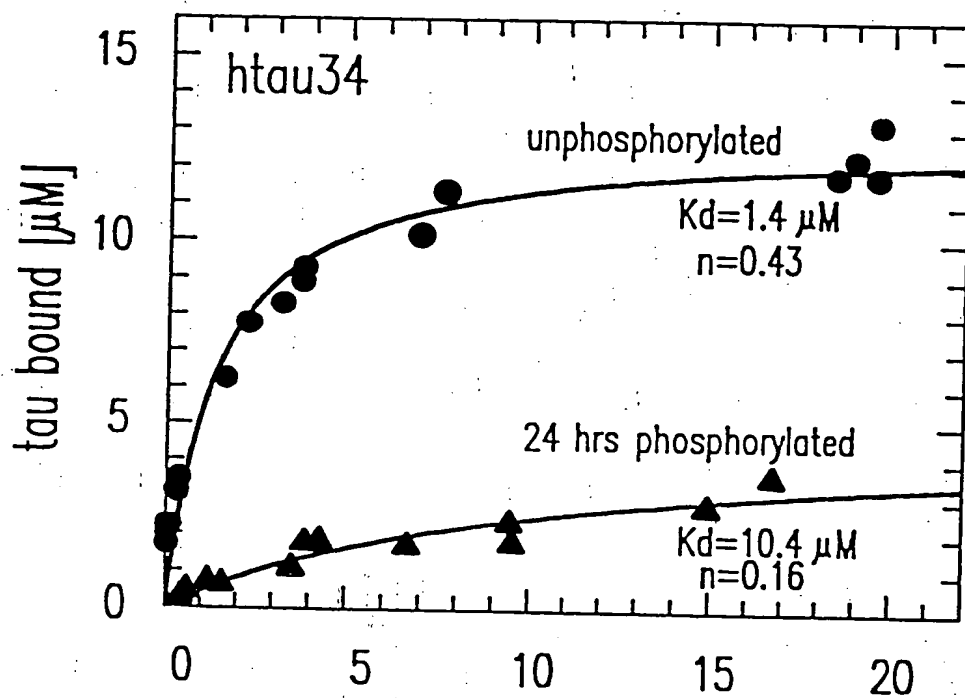




11 / 55

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Fig. 9c





12 / 55

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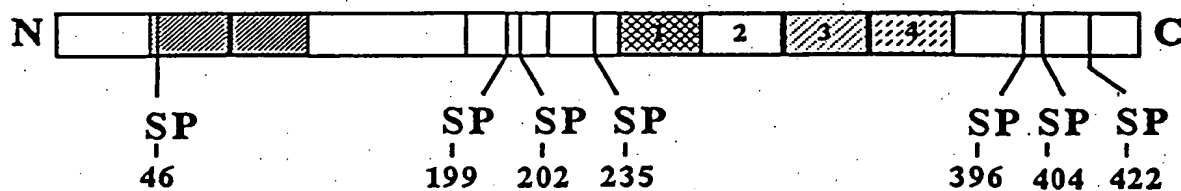


Fig. 10

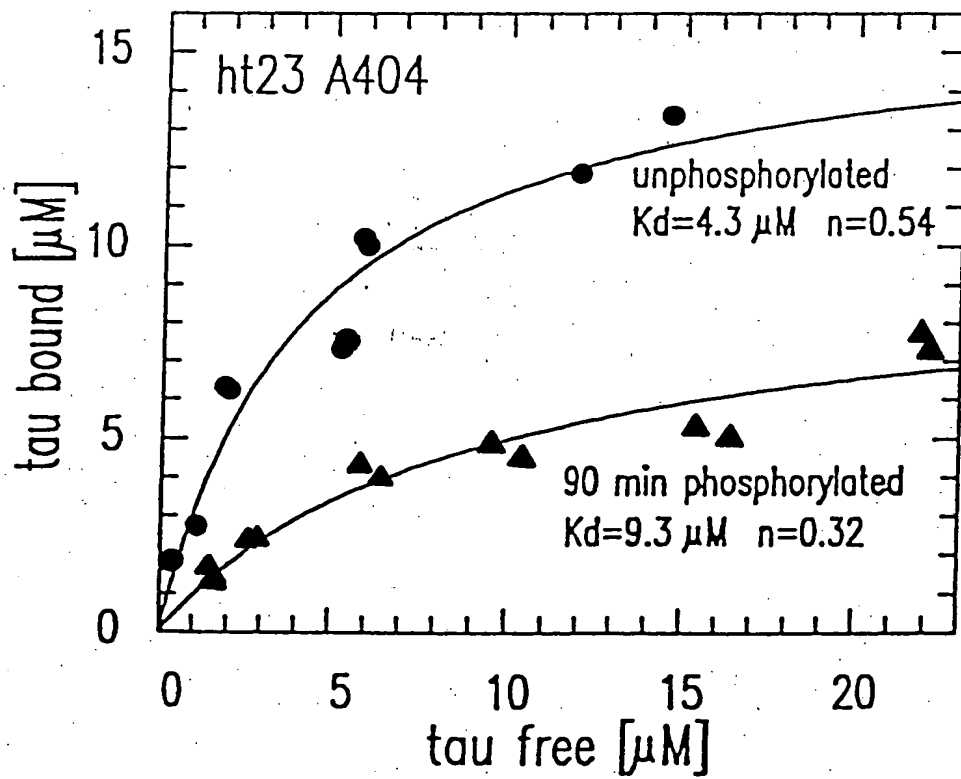


Fig. 11



13 / 55

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Fig. 12a

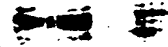
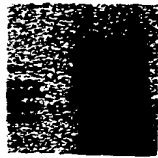
Fig 12c

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SMI<sub>31</sub>

- + + -

- + + -



1 2 3 4

1 2 3 4

SMI<sub>33</sub>

SMI<sub>34</sub>



1 2 3 4

1 2 3 4

Fig. 12b

Fig. 12d



14 / 55

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0°30'60"90' 2" 3" 6" 8"10" 14"16"18" 20"24"



Fig. 13a



Fig. 13b

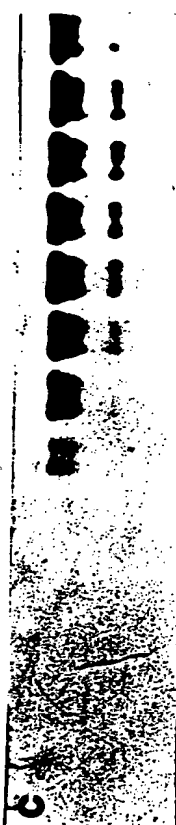


Fig. 13c

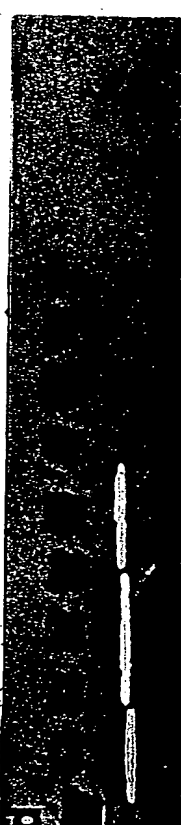


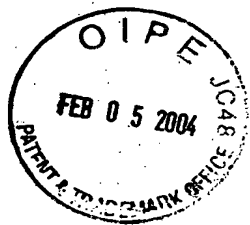
Fig. 13d

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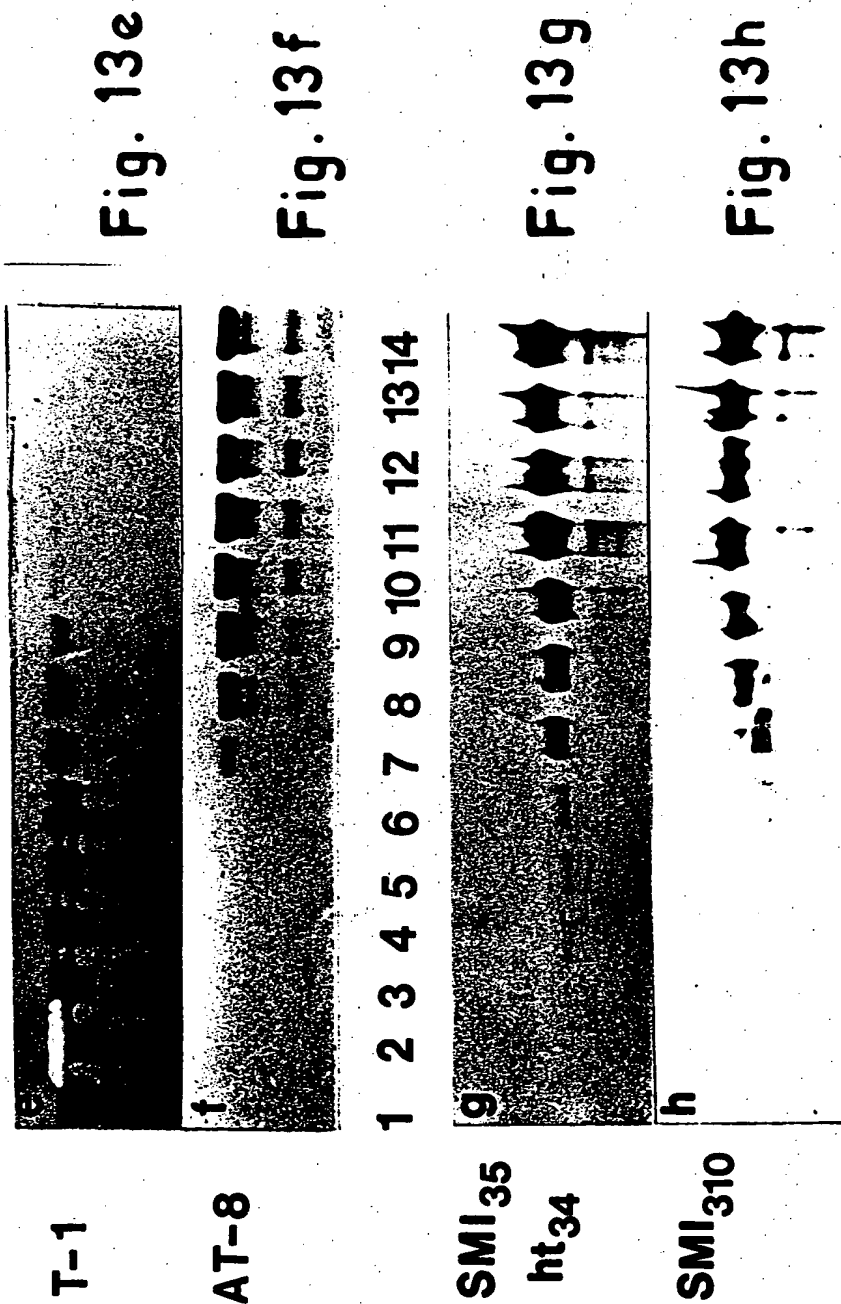
SMI<sub>34</sub>

SMI<sub>33</sub>



15 / 55

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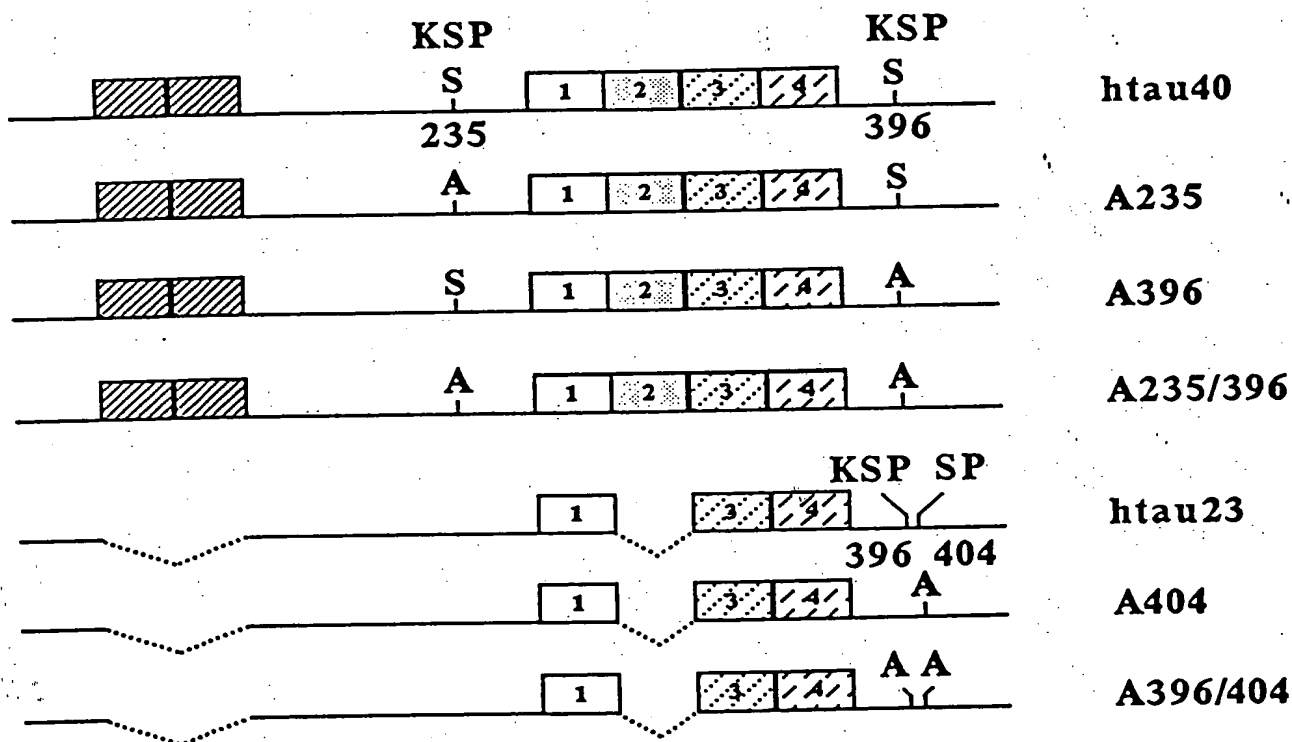


Fig.15





17 / 55

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Fig. 14a

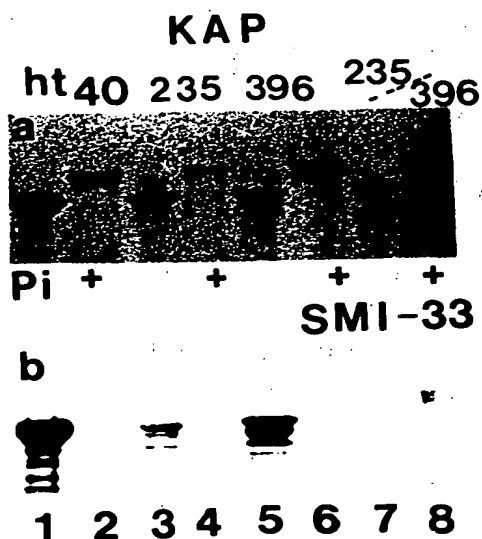


Fig. 14c

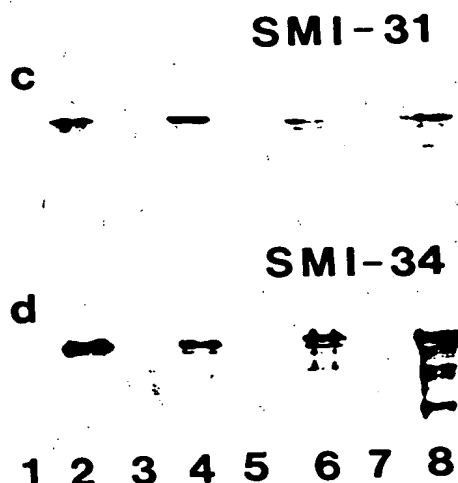


Fig. 14b

Fig. 14d

Fig. 16a

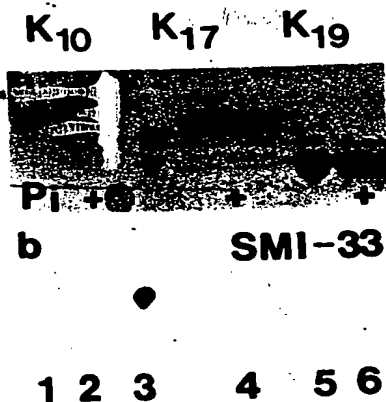


Fig. 16c

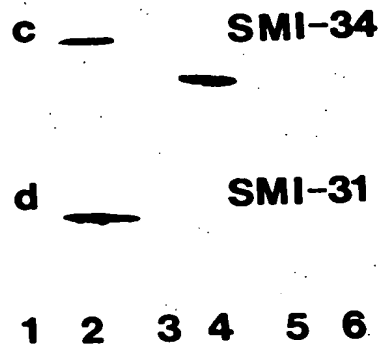
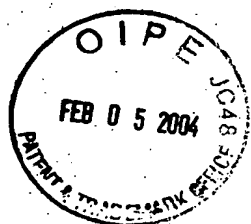


Fig. 16b

Fig. 16d



18 / 55

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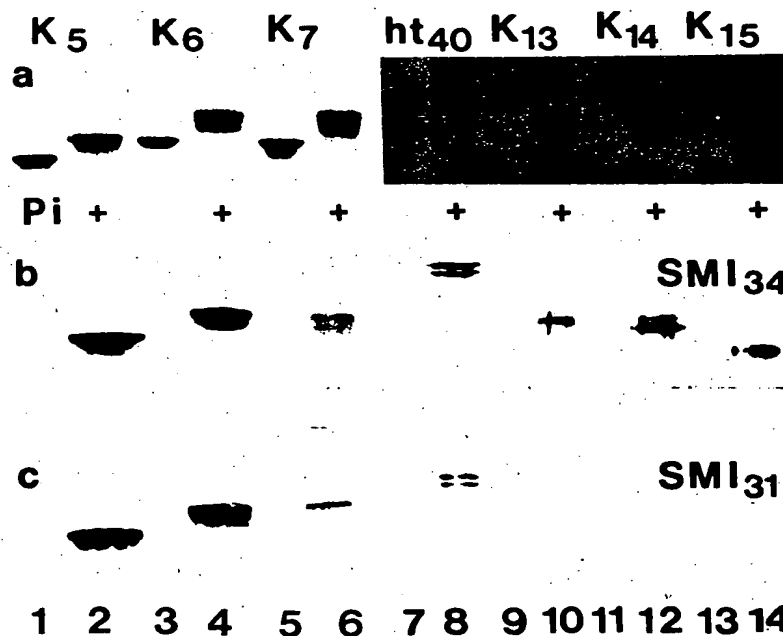


Fig. 17a

Fig. 17b

Fig. 17c



Fig. 17d

Fig. 17e

Fig. 17f



19 / 55

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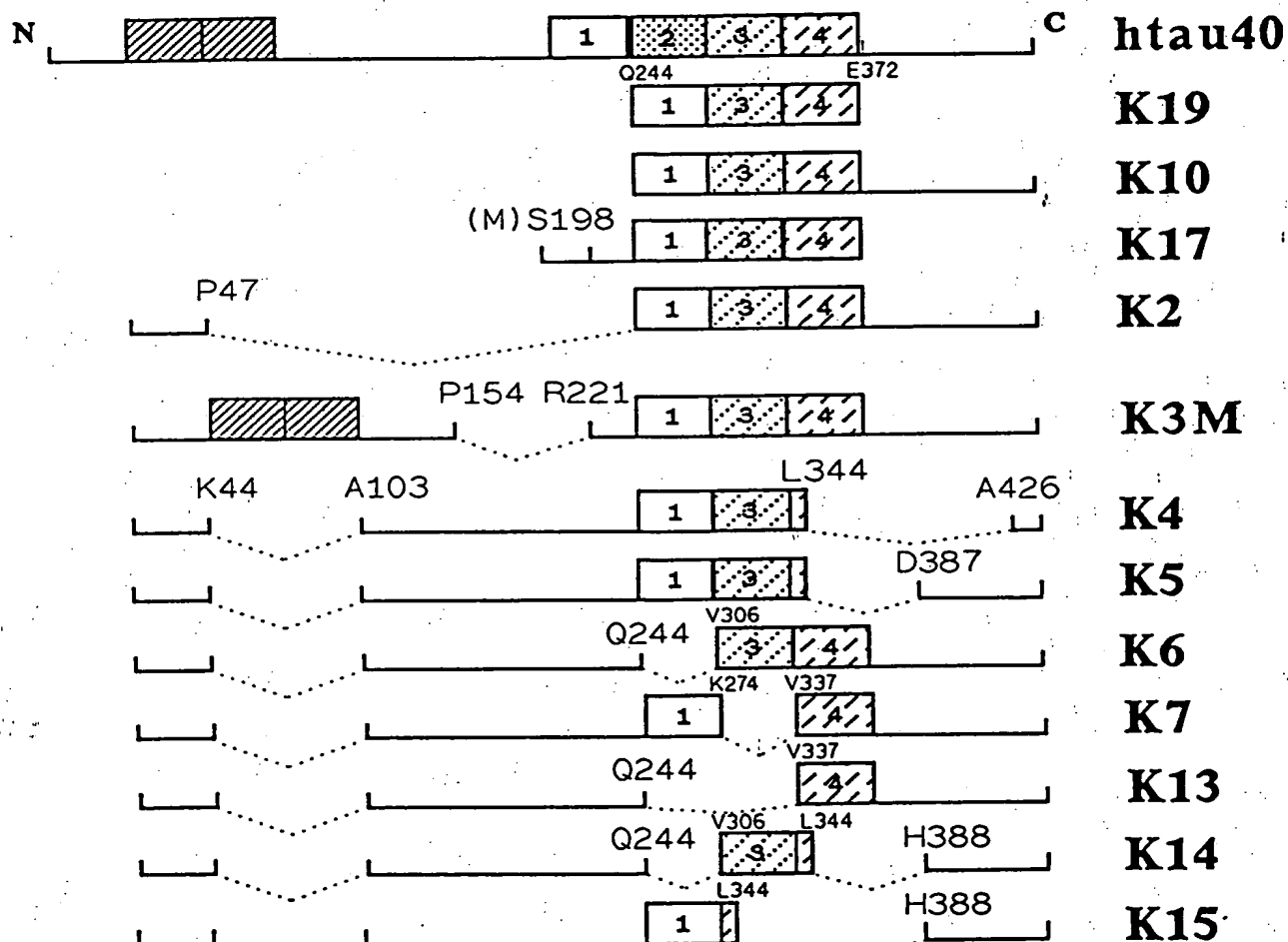
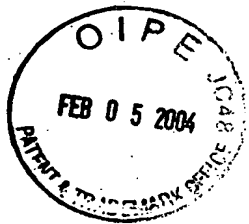


Fig.18



20 / 55

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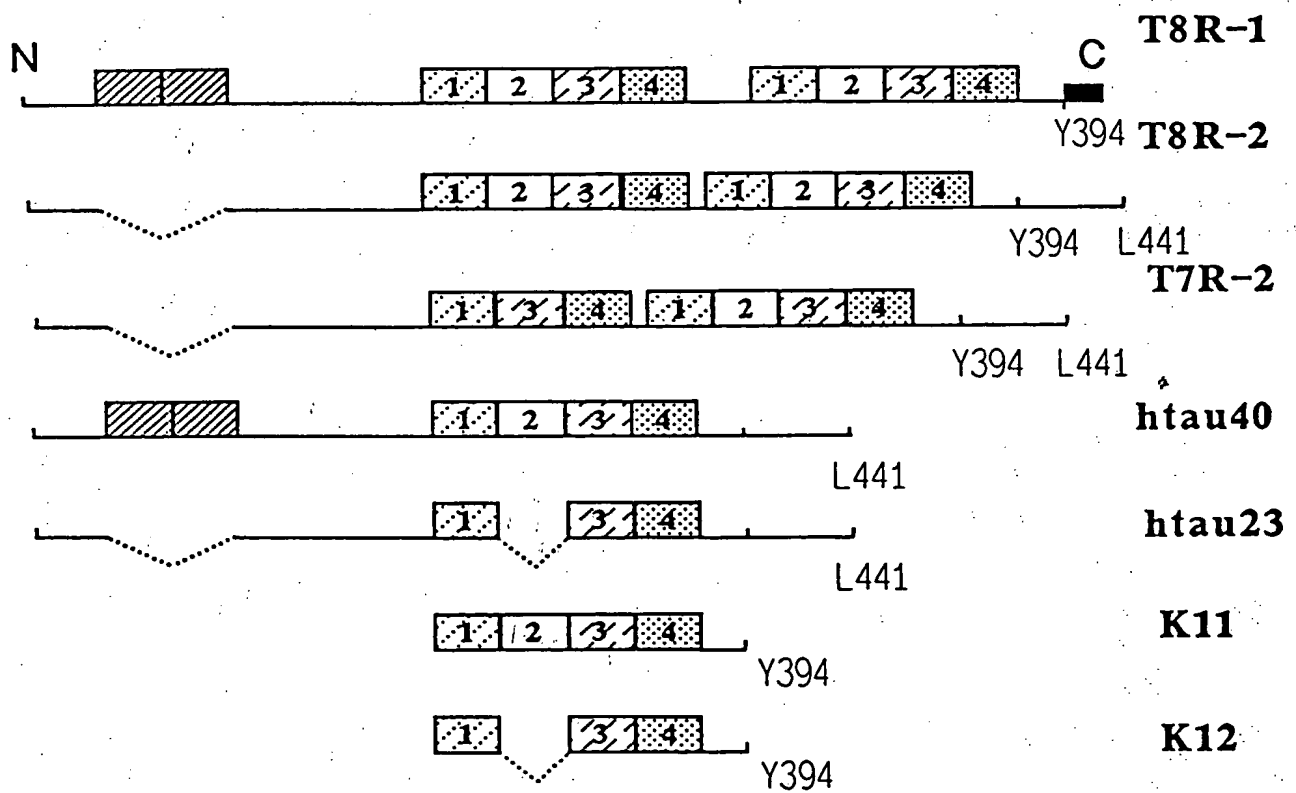
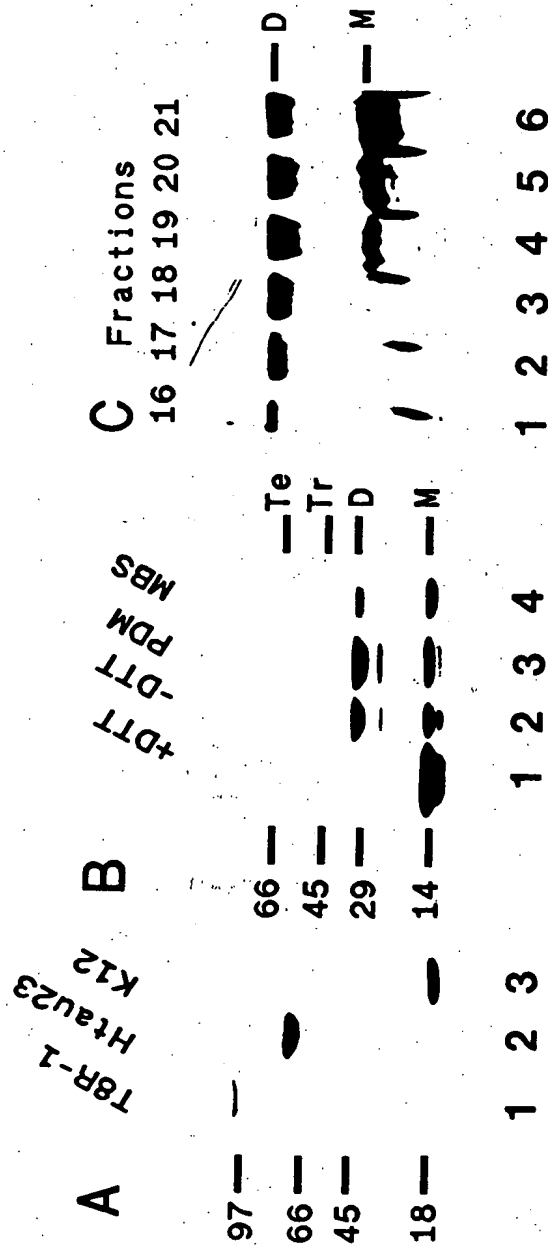


Fig.19



21 / 55



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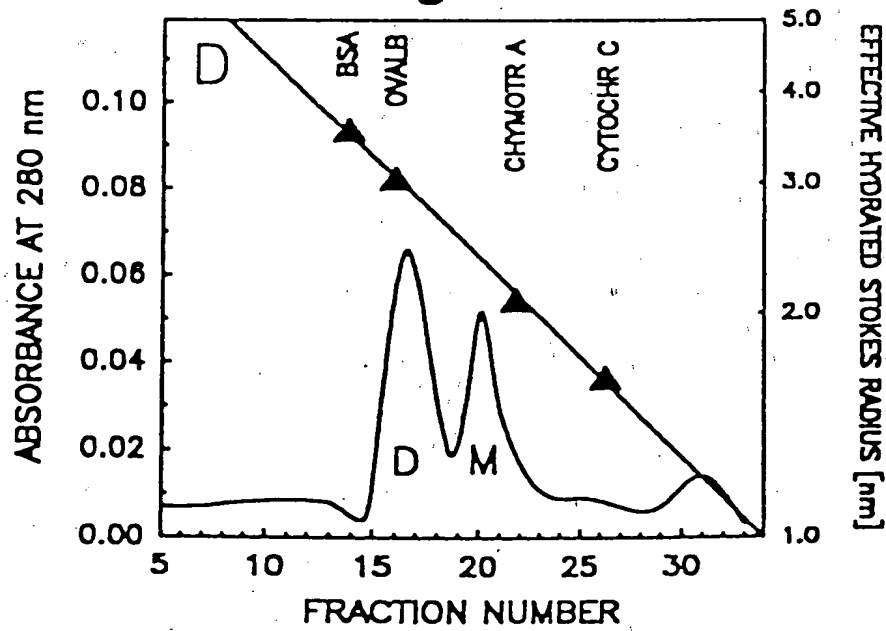
Fig. 20a    Fig. 20b    Fig. 20c



22 / 55

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Fig. 20d





23 / 55

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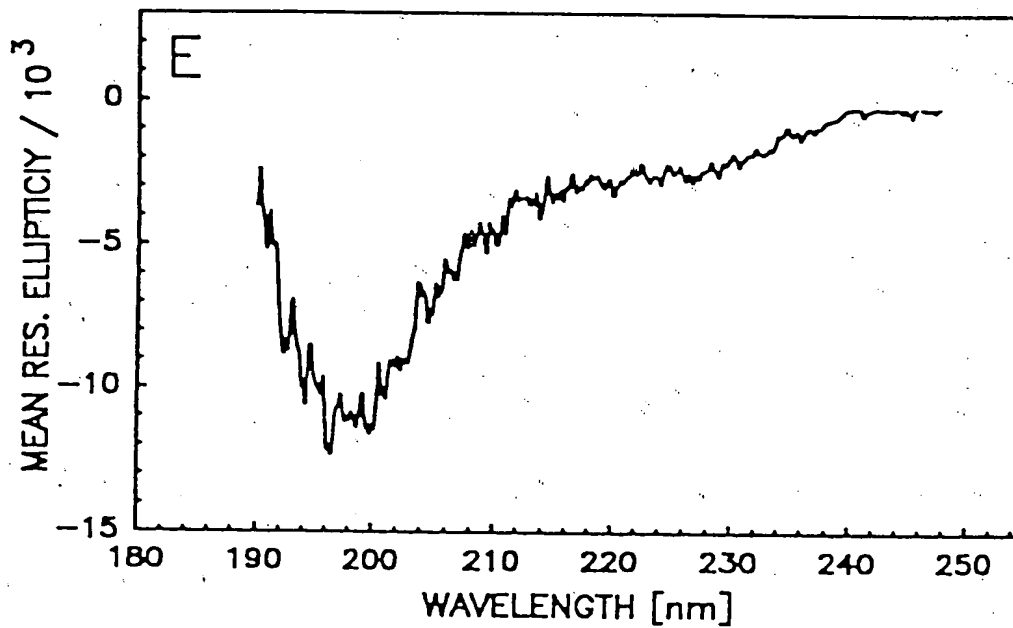


Fig. 20e



24 / 55

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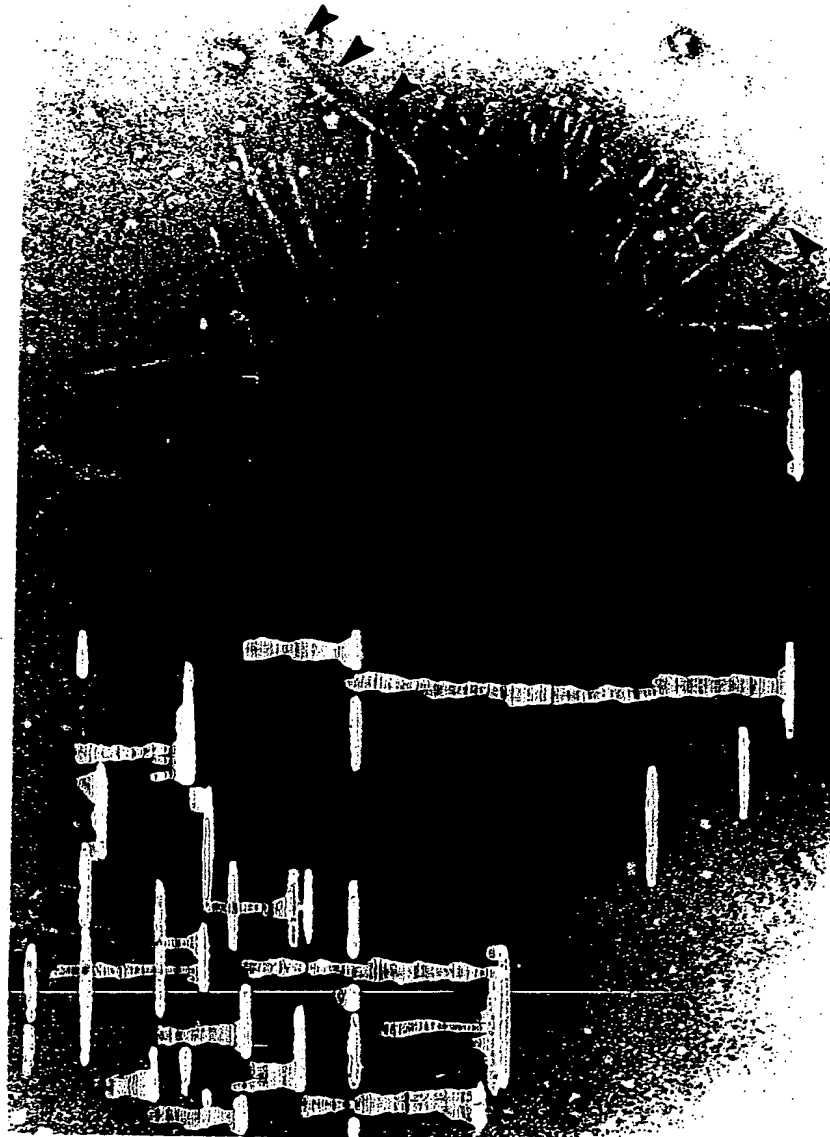


Fig. 21a





25 / 55

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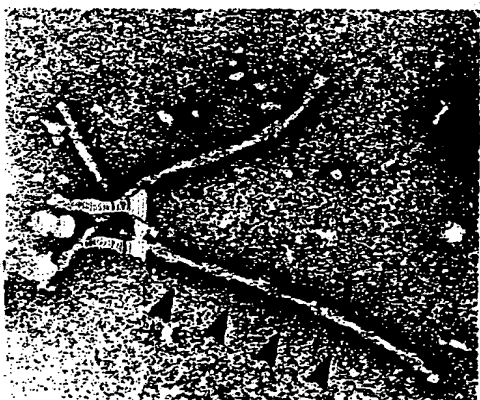
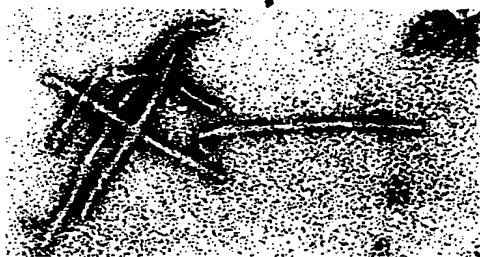


Fig. 21d Fig. 21e

Fig. 21b Fig. 21c



26 / 55

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Fig. 21f

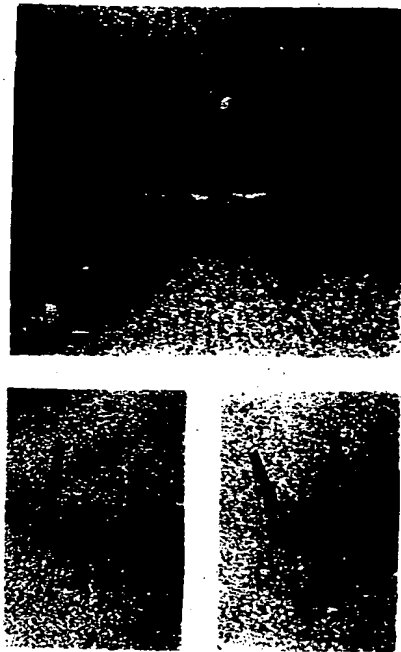
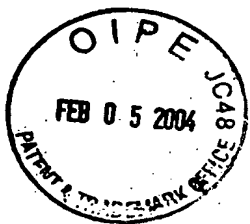


Fig. 21h Fig. 21i

Fig. 21g





27 / 55

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Fig. 22c

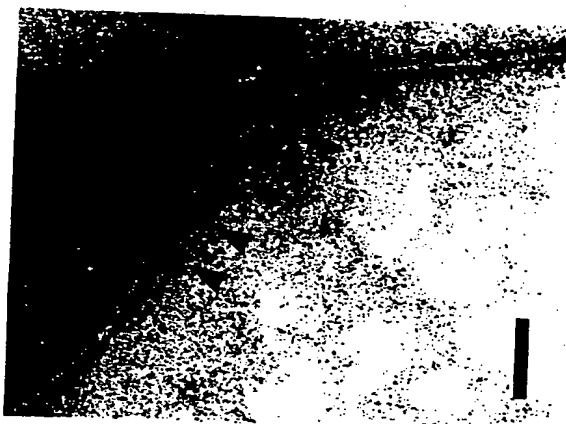


Fig. 22a



PHFs from K12 PDM dimers

Fig. 22b



28 / 55

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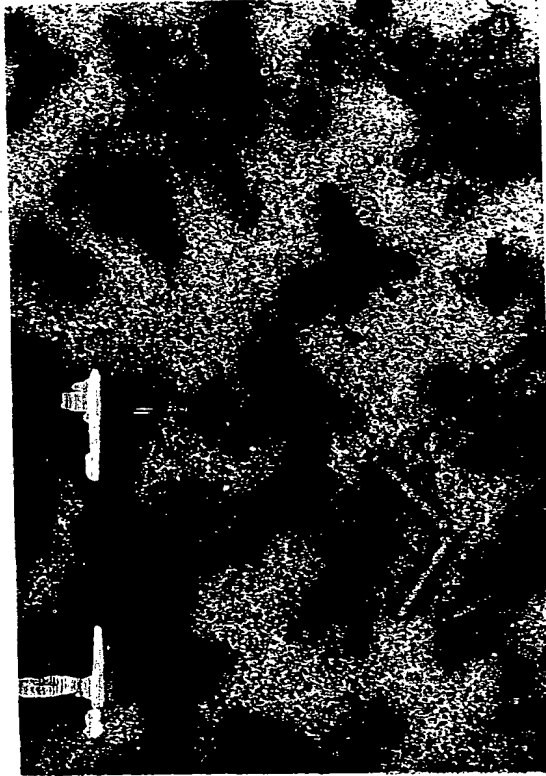


Fig. 23b

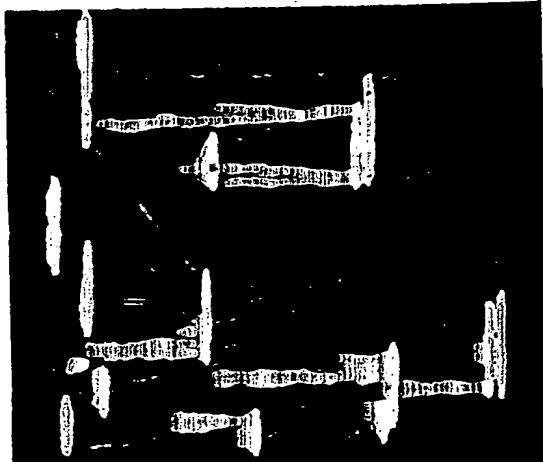


Fig. 23a



29 / 55

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Fig. 24a



Fig. 24b

HTau23



Fig. 24c



Fig. 24d



Fig. 24e

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30 / 55

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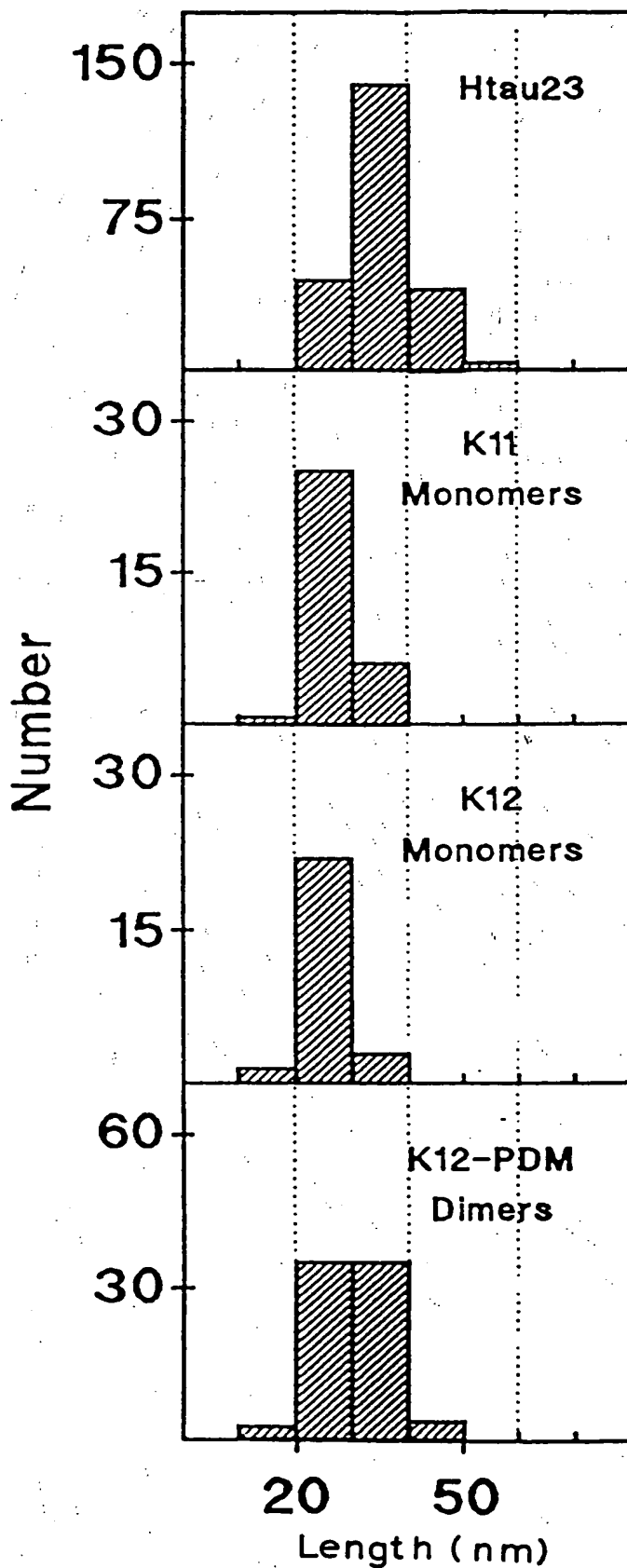


Fig. 25a

Fig. 25c

Fig. 25e

Fig. 25g



31 / 55

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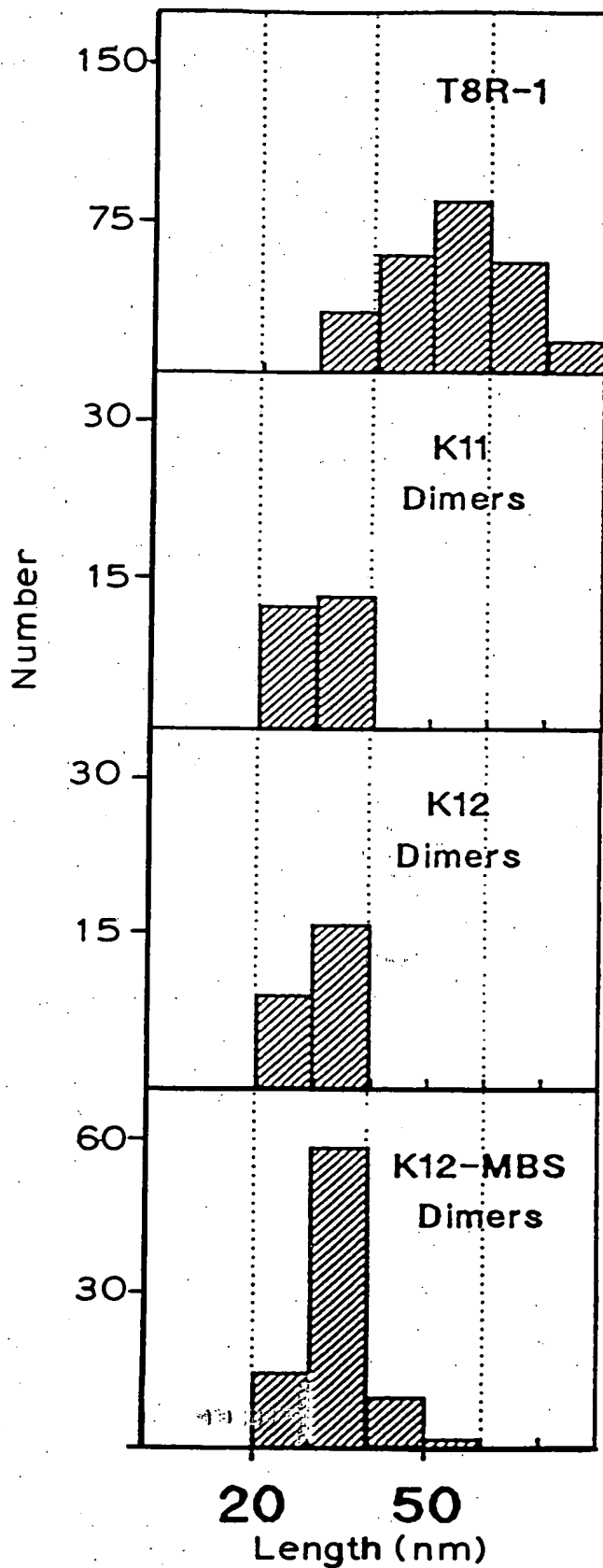
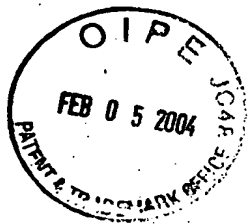


Fig. 25b

Fig. 25d

Fig. 25f

Fig. 25h



32 / 55

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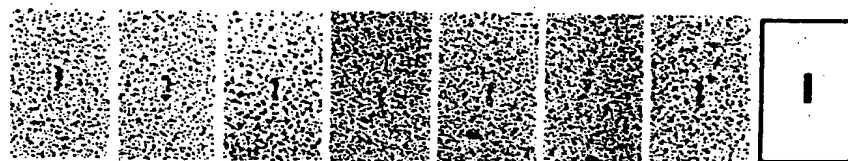


Fig. 26a

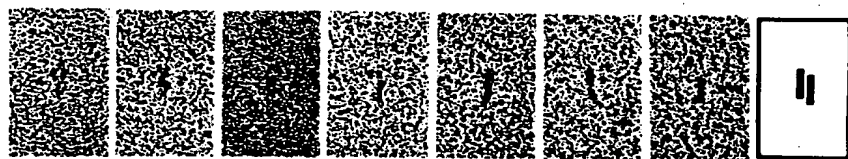


Fig. 26b

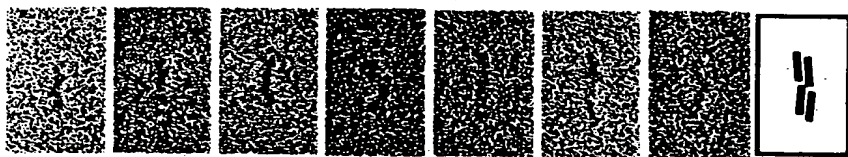


Fig. 26c

K11

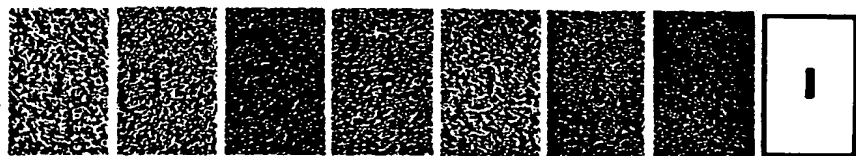


Fig. 26d

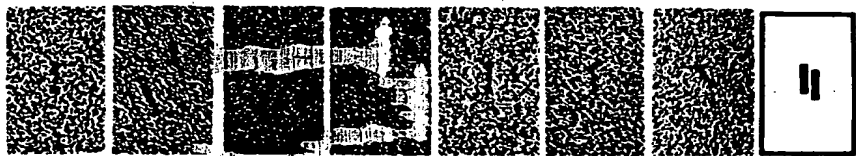


Fig. 26e

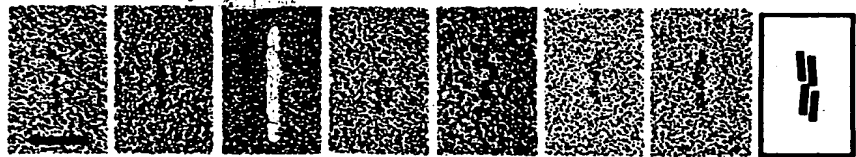


Fig. 26f

K12

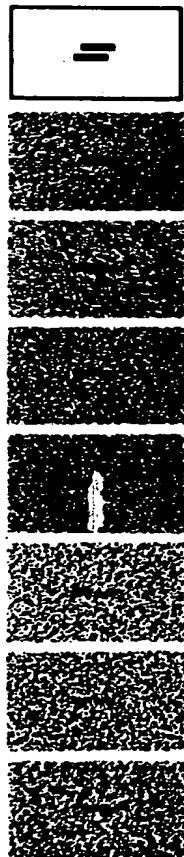




33 / 55

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Fig. 27a



K12 PDM Dimer

Fig. 27b



K12 MBS Dimer

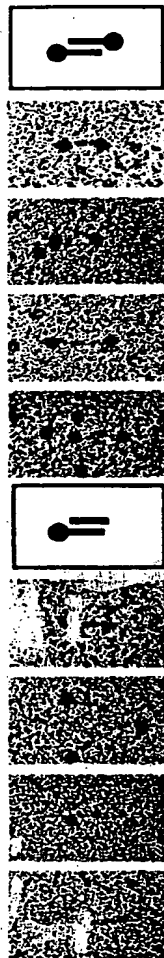


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Fig. 28a



Htau23 + AB2-4

Fig. 28b



K12 + AB2-4

Fig. 28c



K12 PDM dimer + AB2-4

Fig. 28d



K12 MBS dimer + AB2-4



35 / 55

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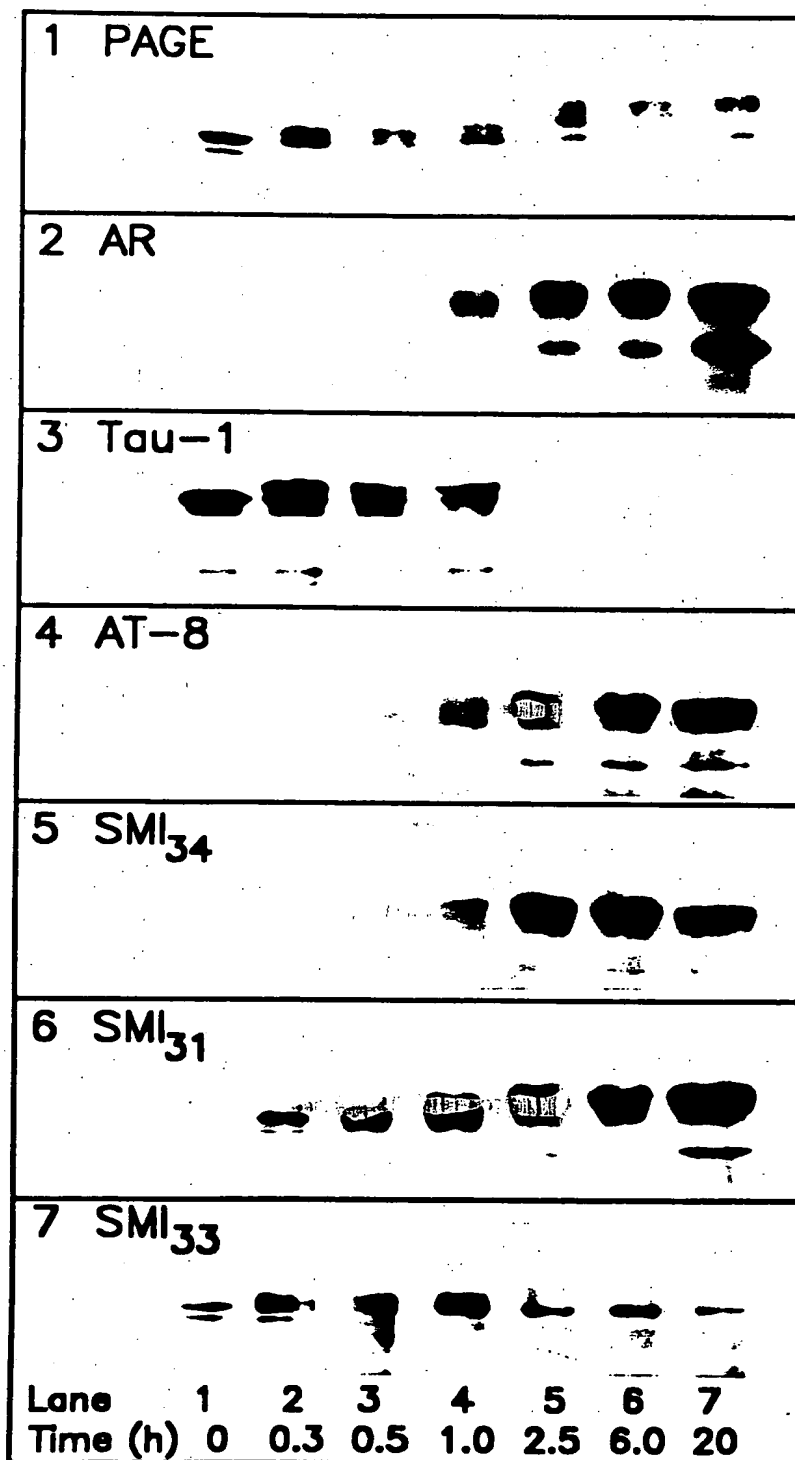


Fig. 29a

Fig. 29b

Fig. 29c

Fig. 29d

Fig. 29e

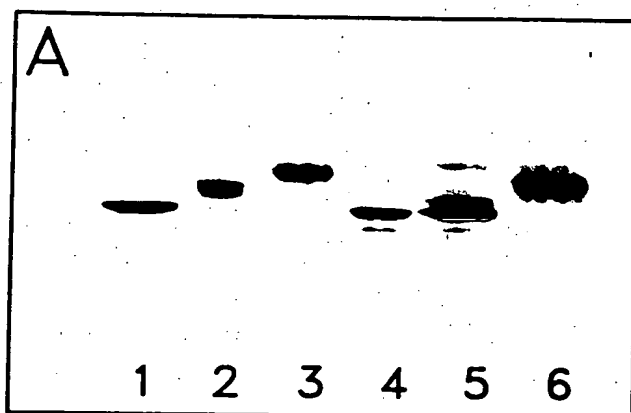
Fig. 29f

Fig. 29g

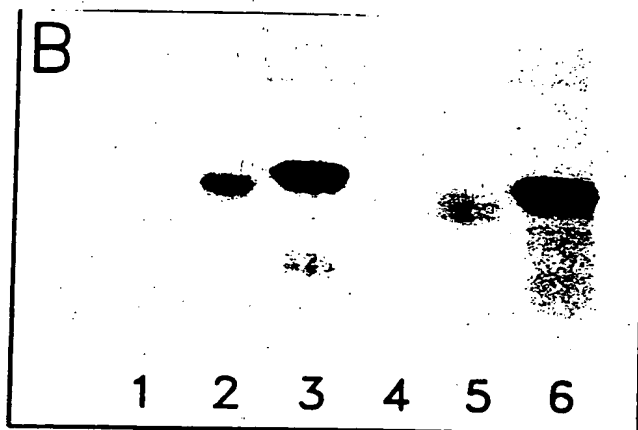


36 / 55

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**Fig. 30a**



**Fig. 30b**



37 / 55

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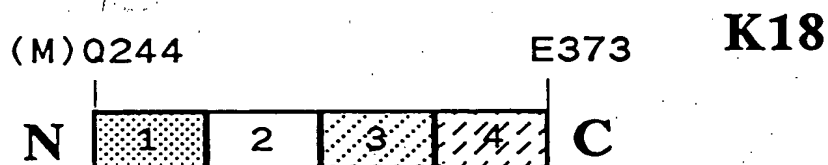
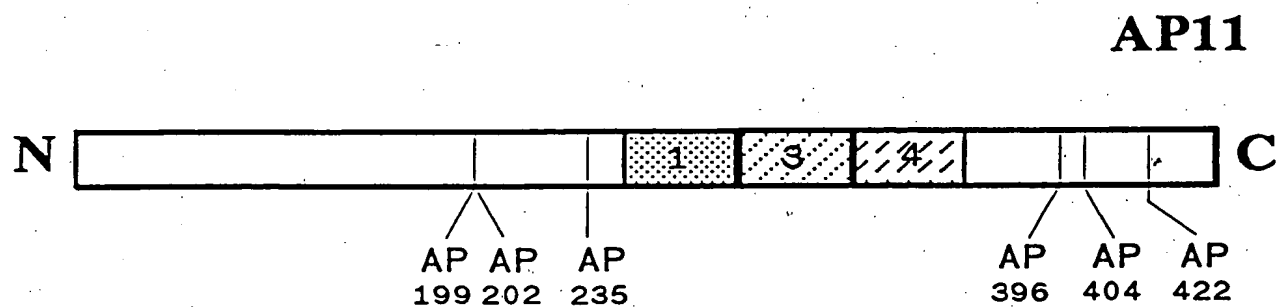
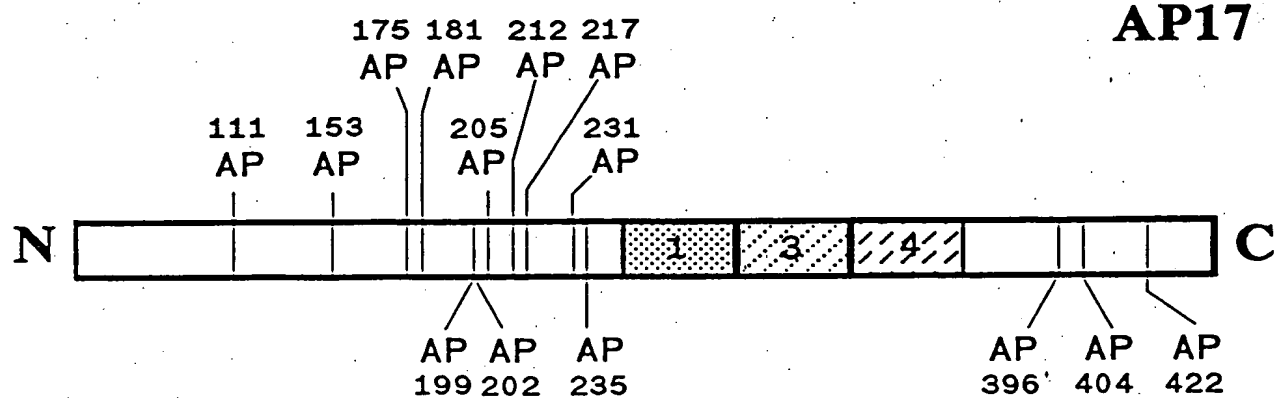


Fig.31



38 / 55

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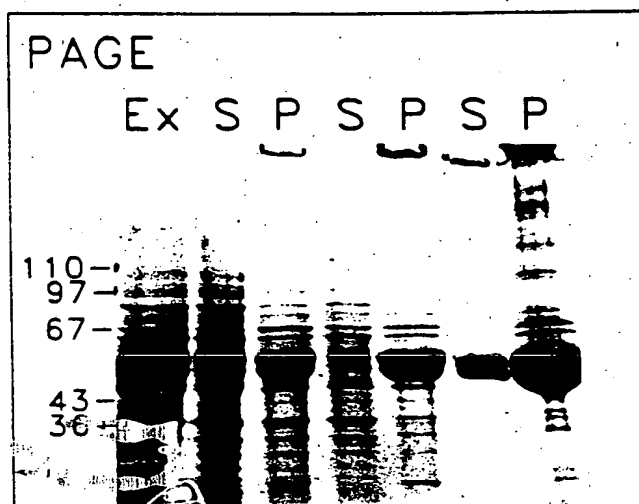


Fig. 32a

Blot MAPK

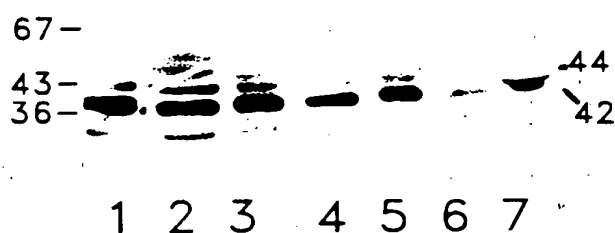


Fig. 32b

Blot GSK  $\beta$

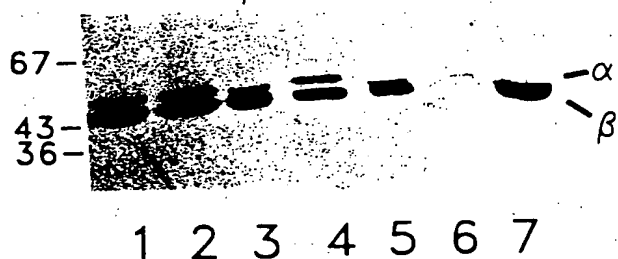


Fig. 32c

Blot GSK  $\alpha$

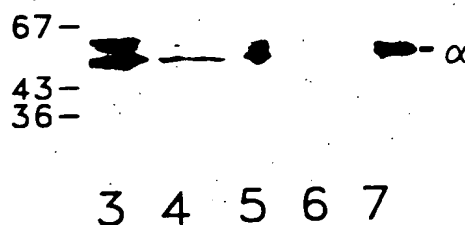
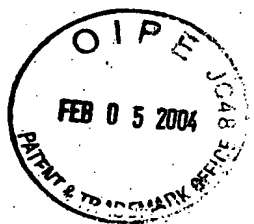


Fig. 32d



39 / 55

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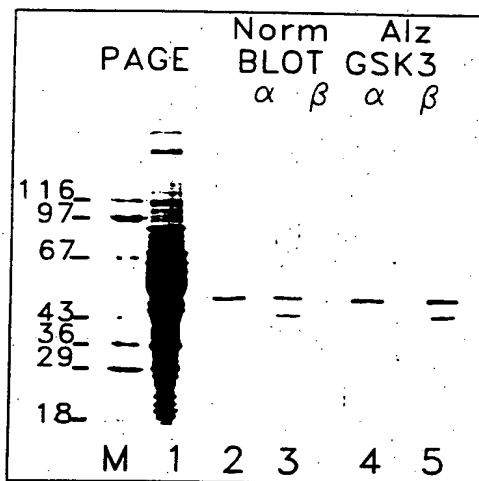


Fig. 33a

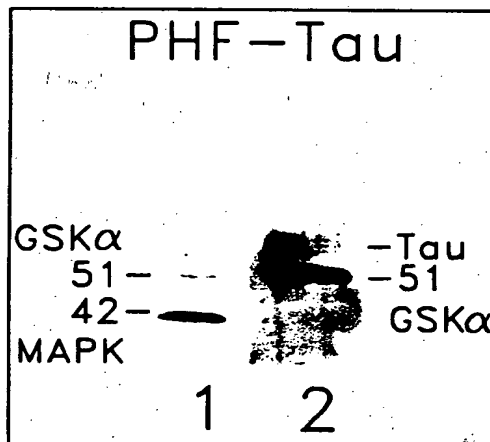


Fig. 33b



40 / 55

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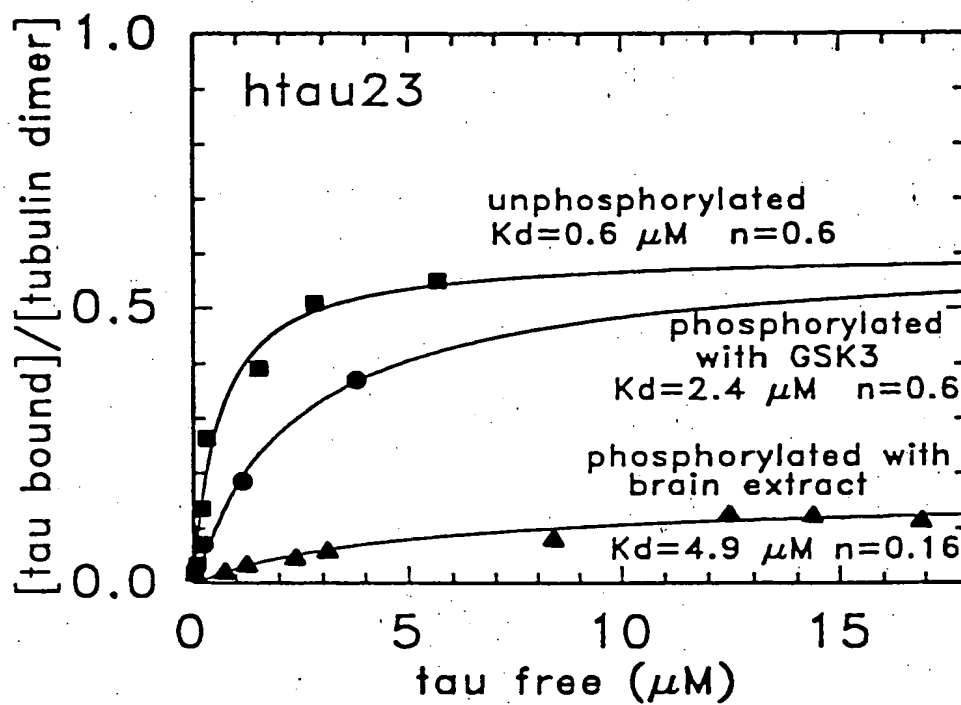


Fig. 34





41/55

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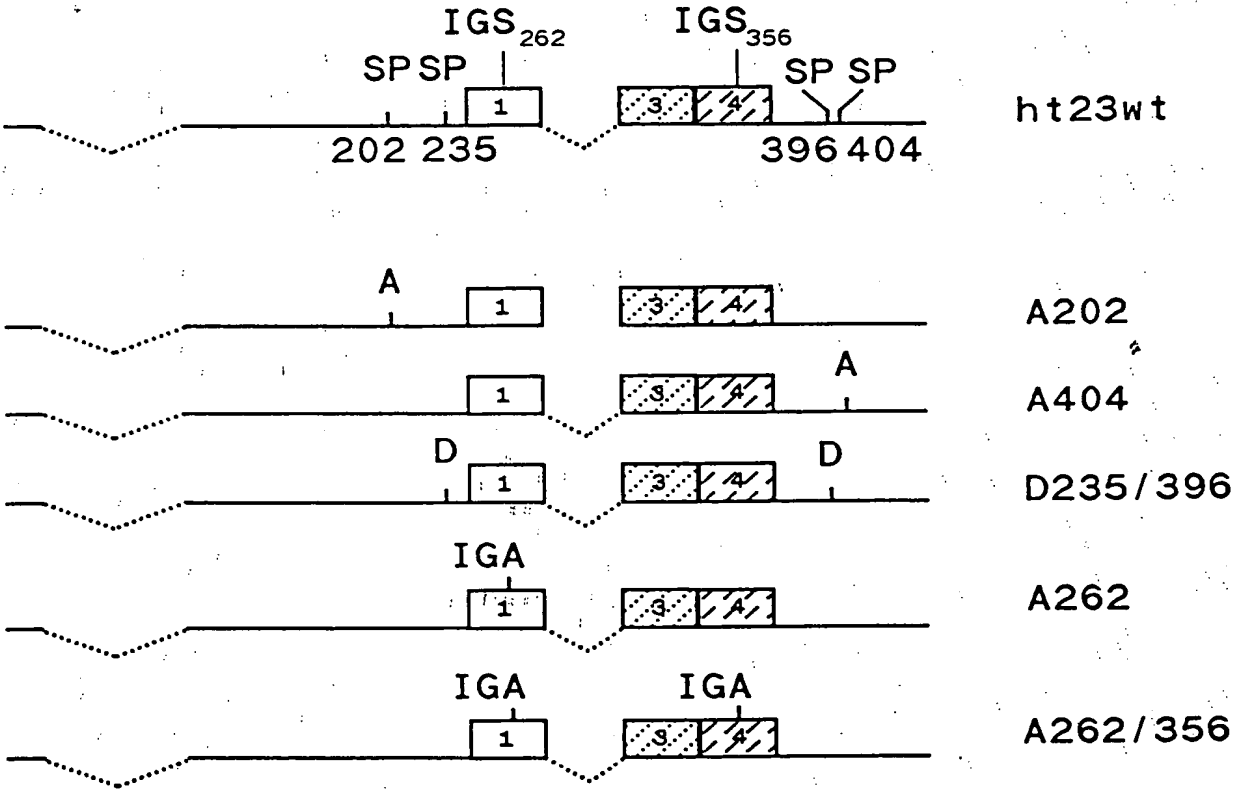
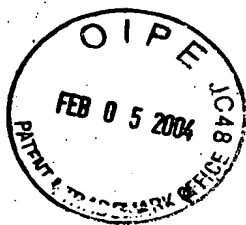


Fig. 35a



42 / 55

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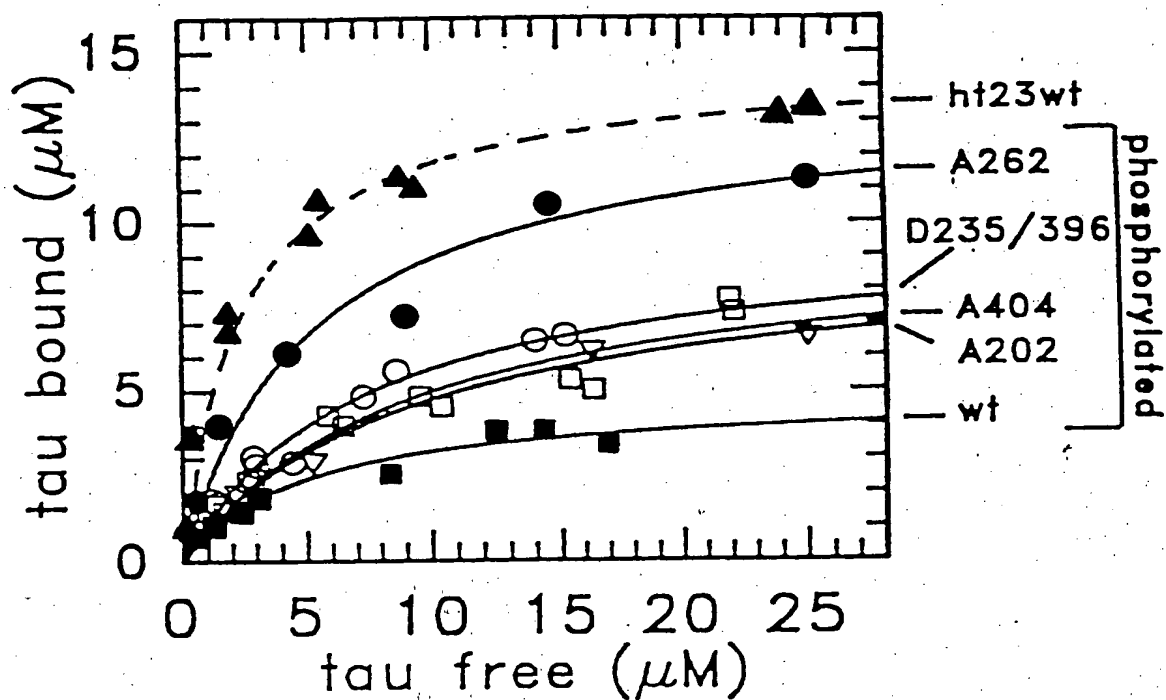


Fig. 35b



43 / 55

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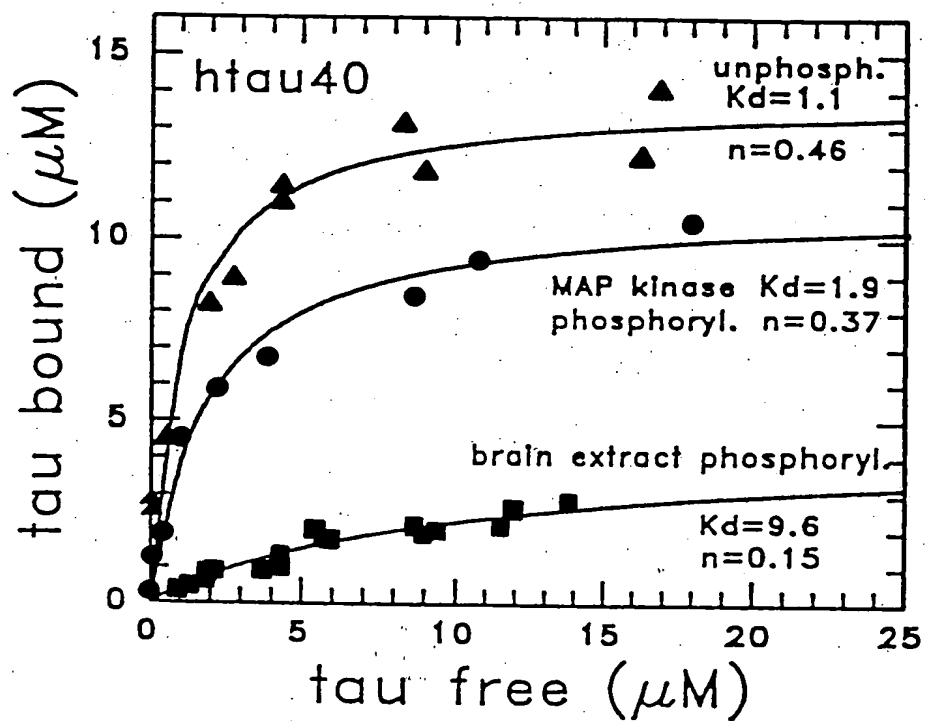


Fig. 36



44 / 55

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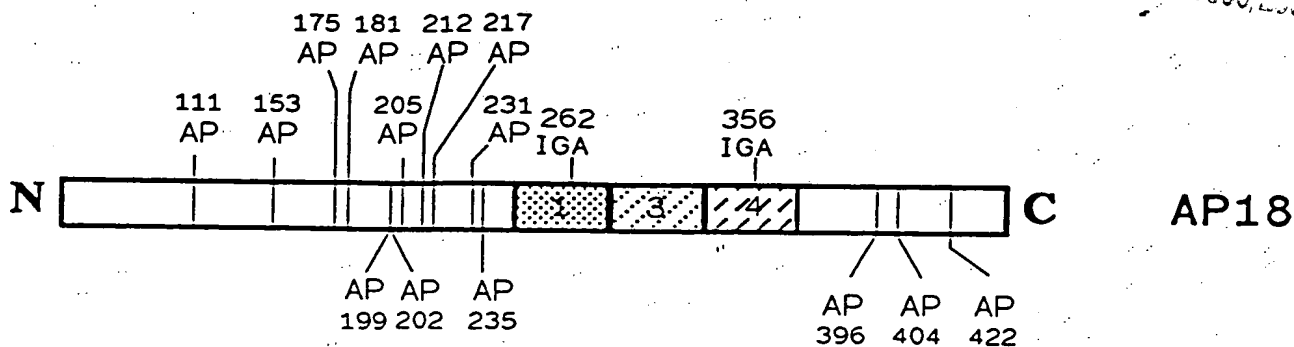
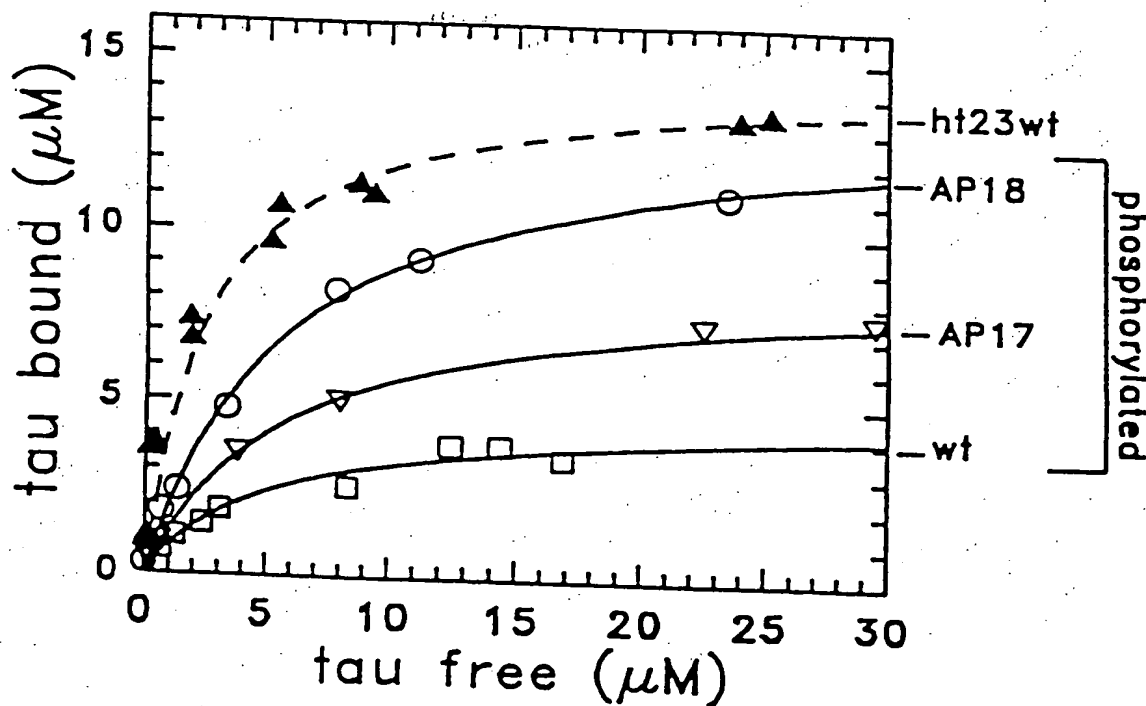


Fig. 37a

Fig. 37b



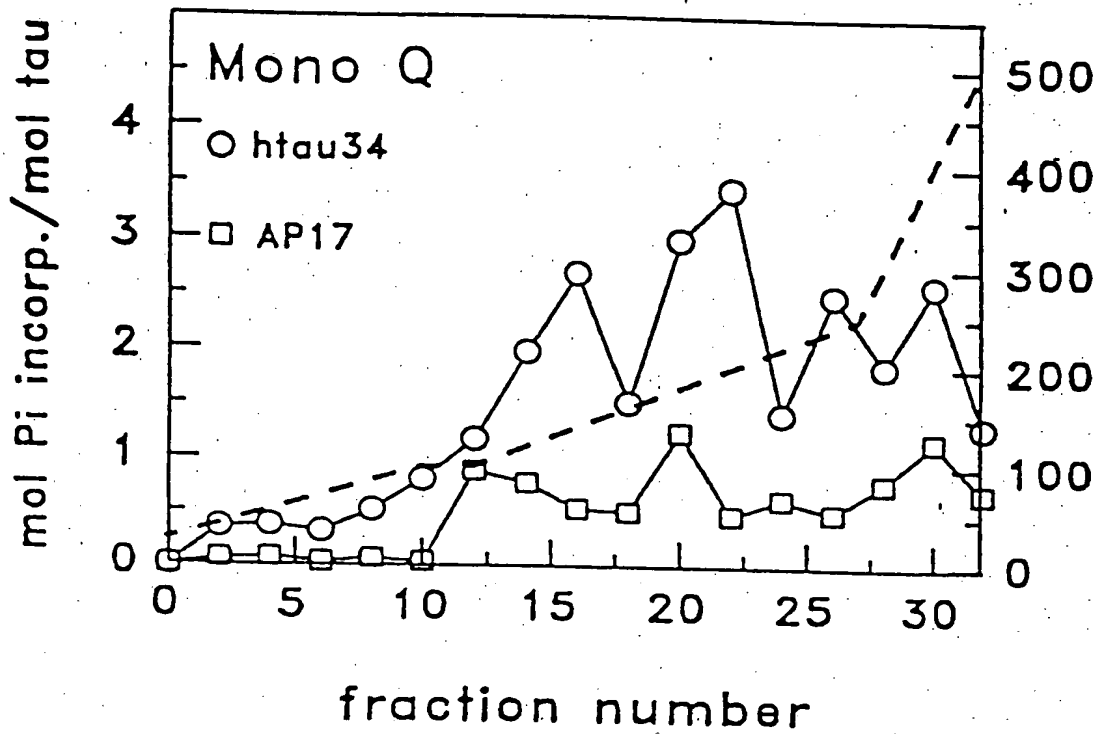


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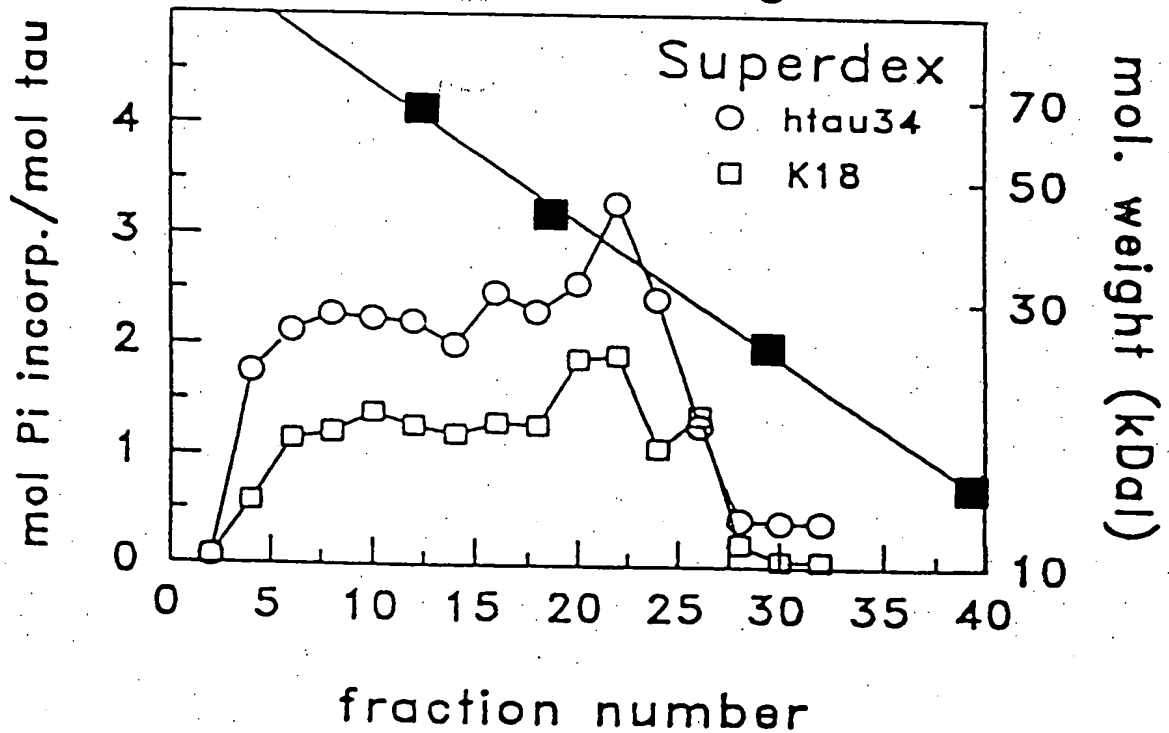
TECH CENTER 1600/2900

45 / 55



**Fig. 38a**

**Fig. 38b**





46 / 55

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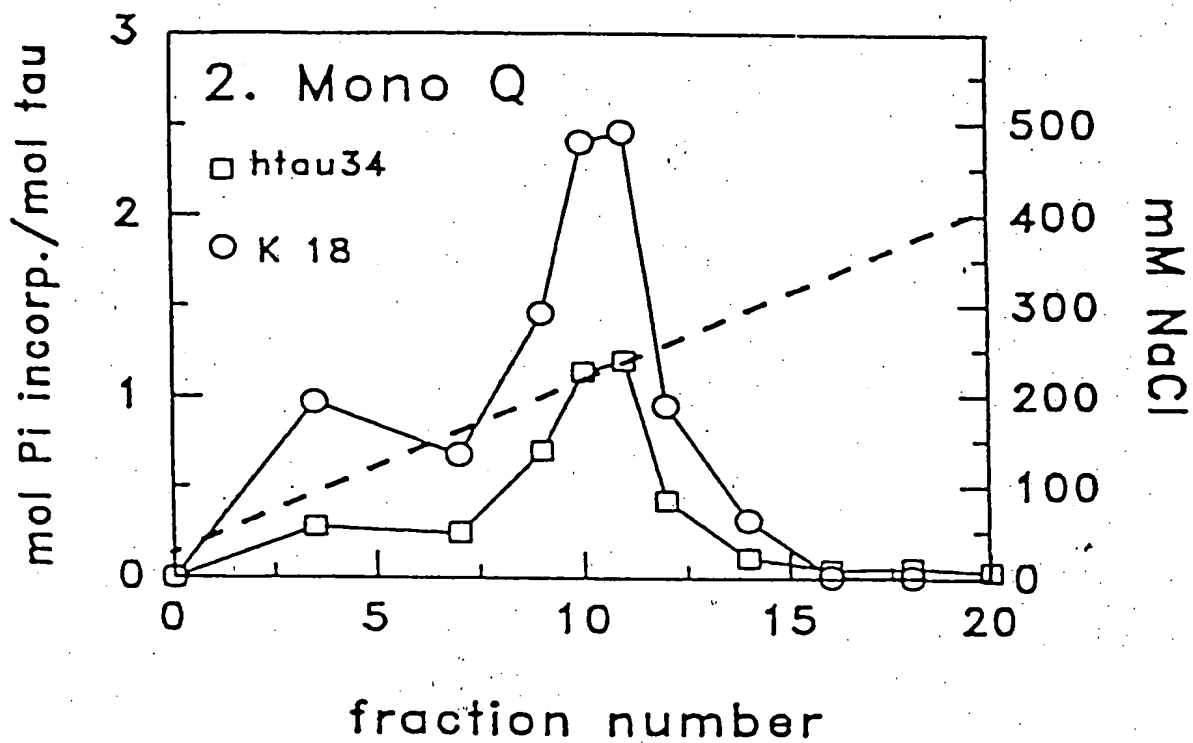


Fig. 38c



47 / 55

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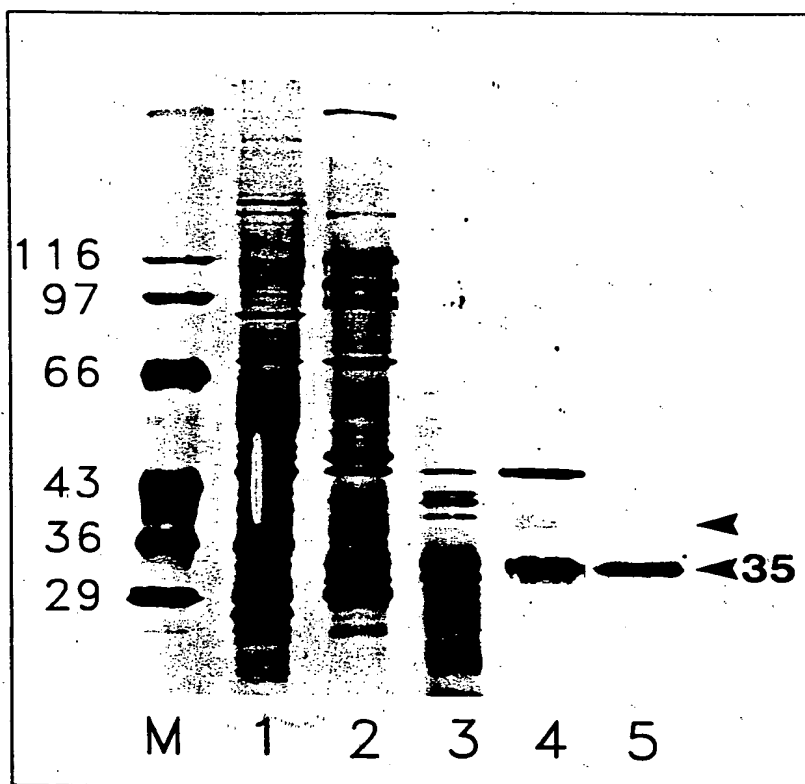


Fig. 38d



48 / 55

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TECH CENTER 1600/2900

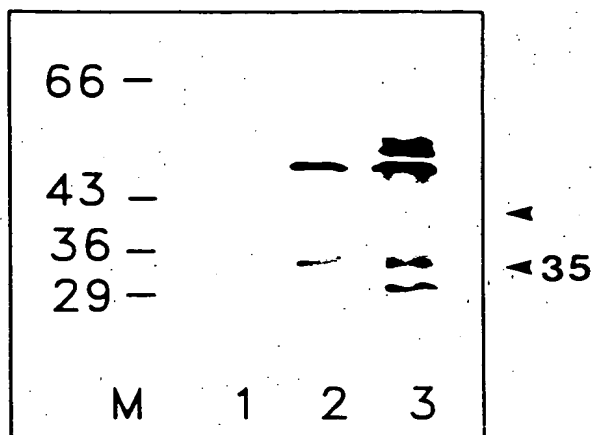


Fig. 39a

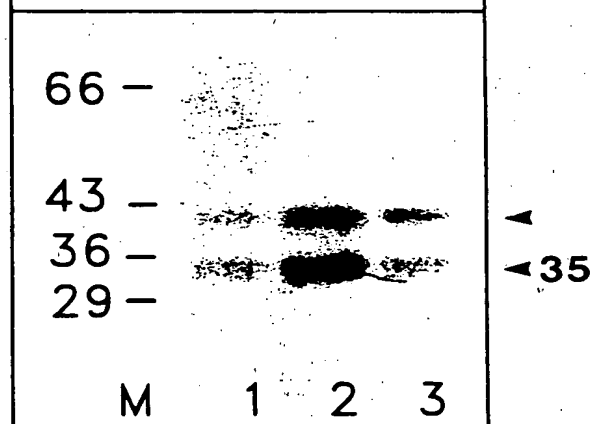


Fig. 39b

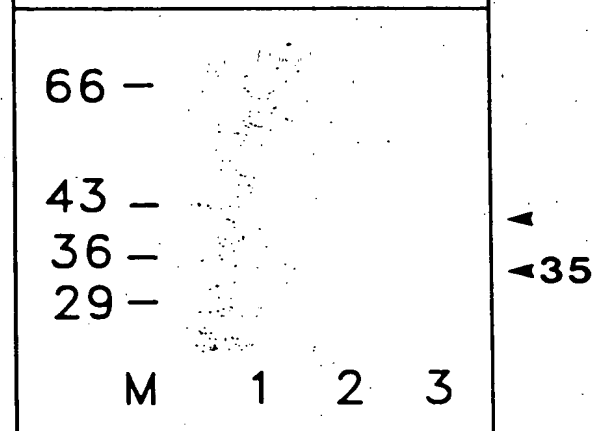


Fig. 39c





49 / 50

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TECH CENTER 1600/2600

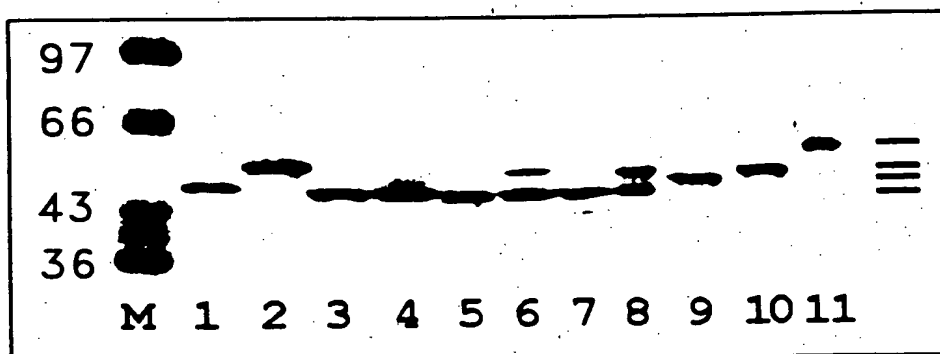
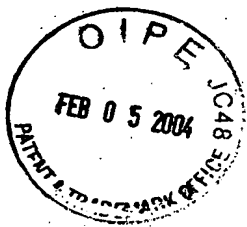


Fig. 40a



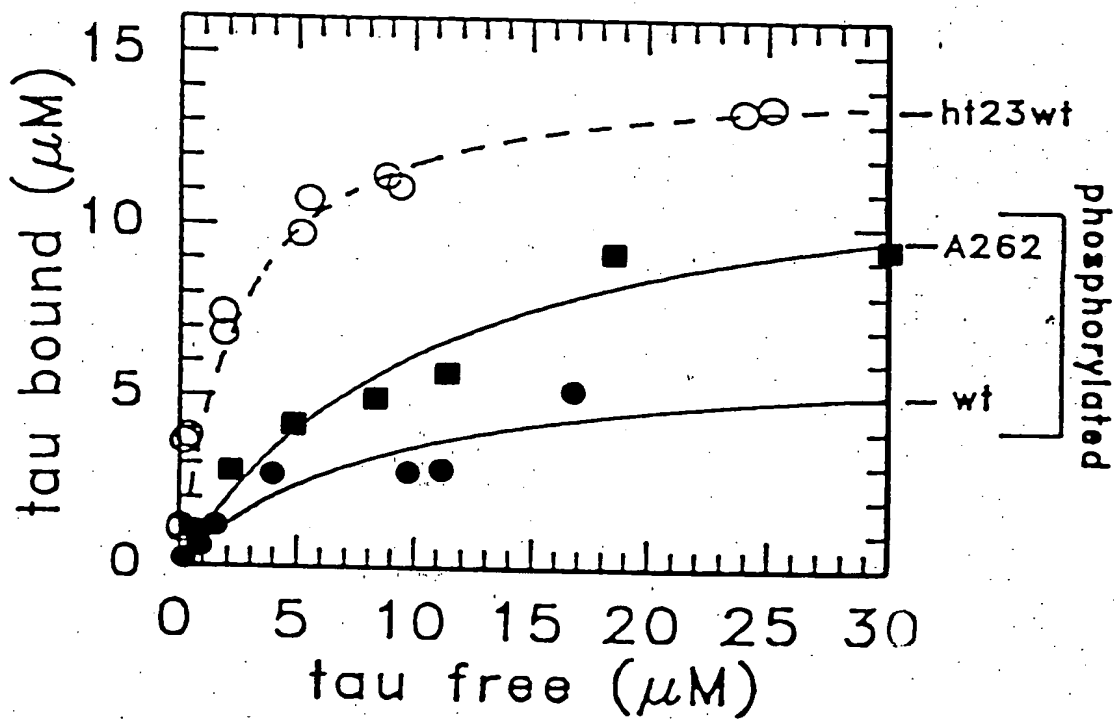
50 / 55

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FEB 12 2004

TECH CENTER 1600/2900

Fig. 40b





51 / 55

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FEB 12 2004

TECH CENTER 1600/2900

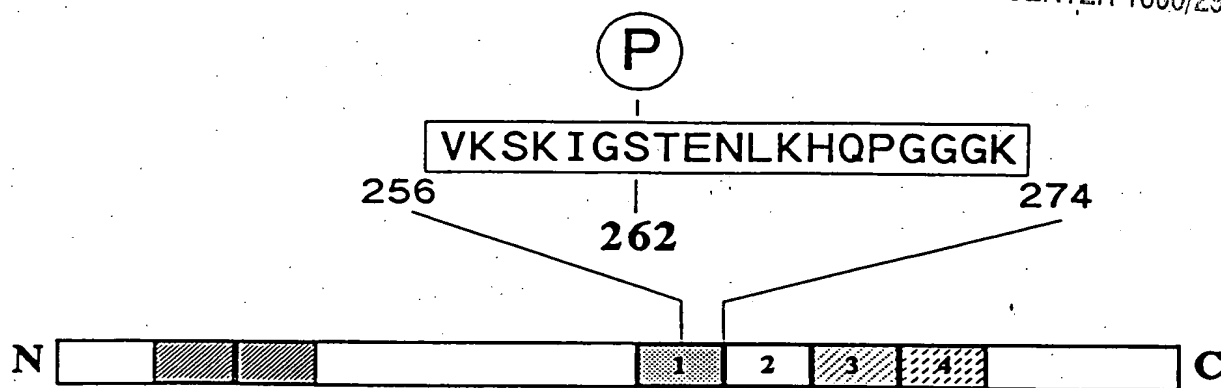
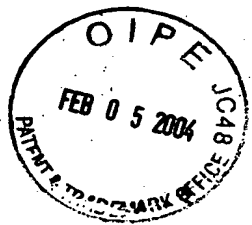


Fig. 41



52 / 55

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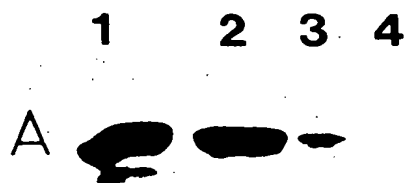


Fig. 42a

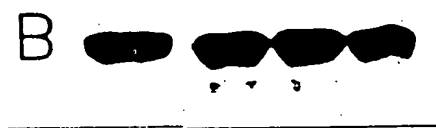


Fig. 42b

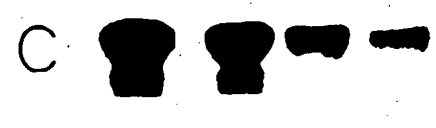


Fig. 42c



Fig. 42d

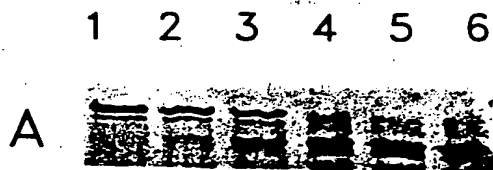


Fig. 43a

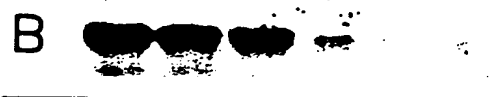


Fig. 43b

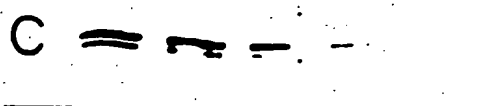


Fig. 43c

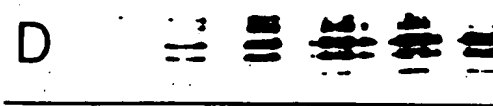


Fig. 43d

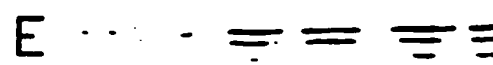


Fig. 43e



53/55

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Fig. 44a

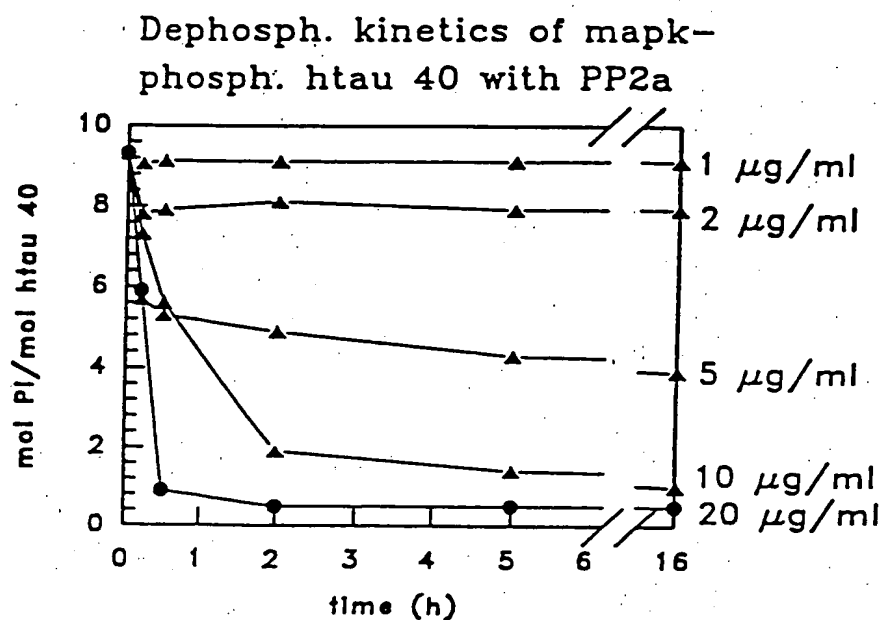
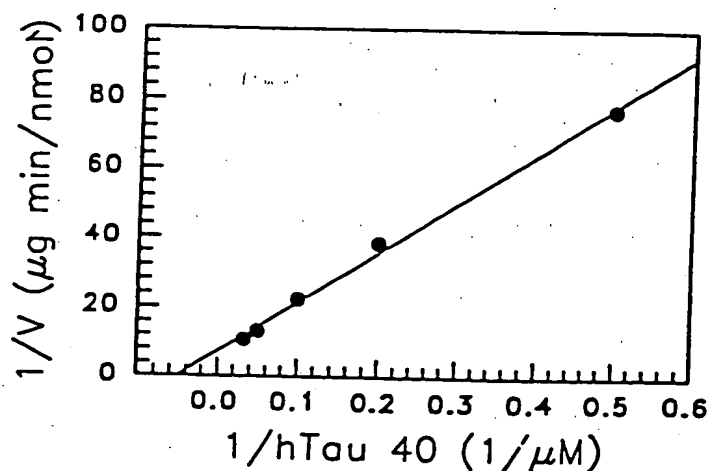
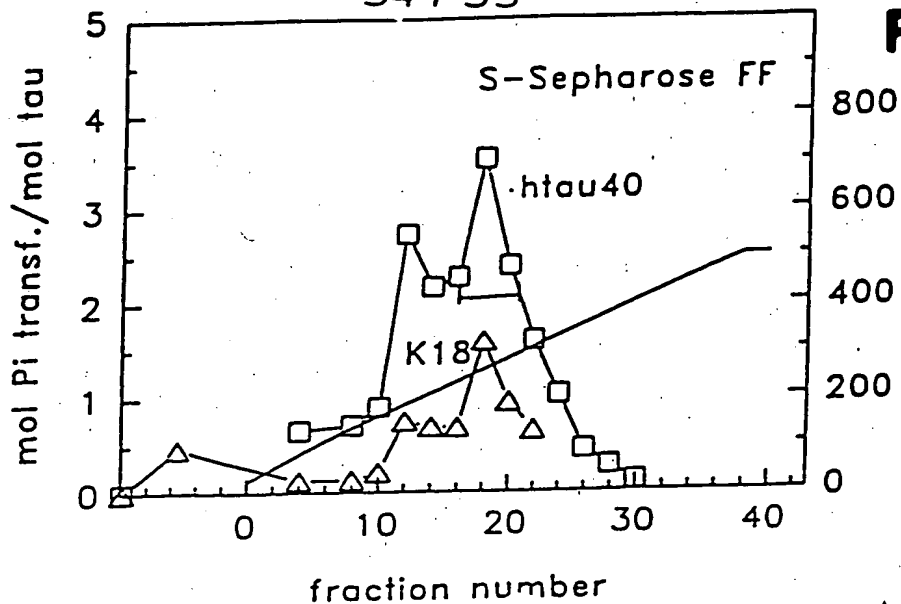


Fig. 44b

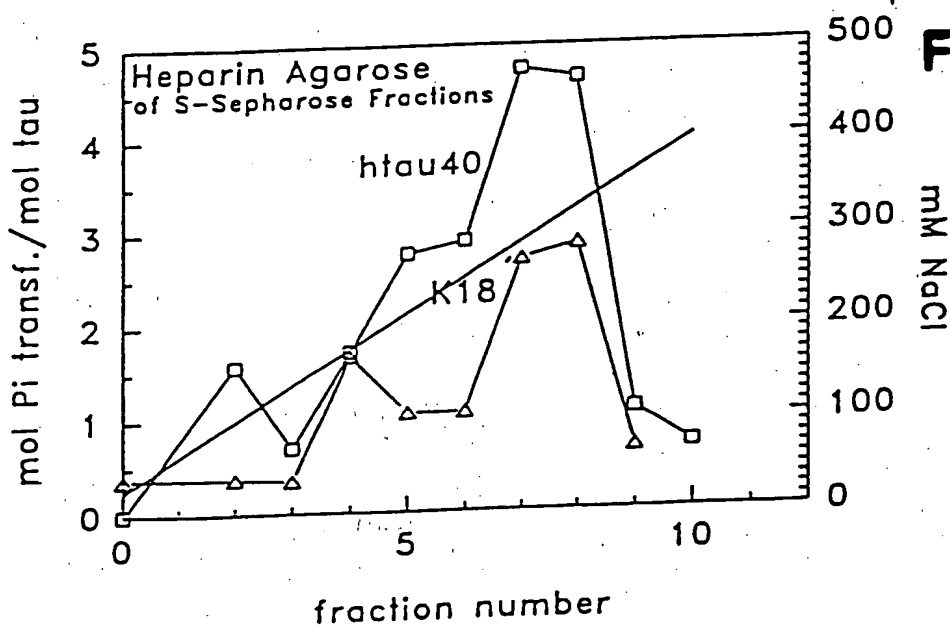




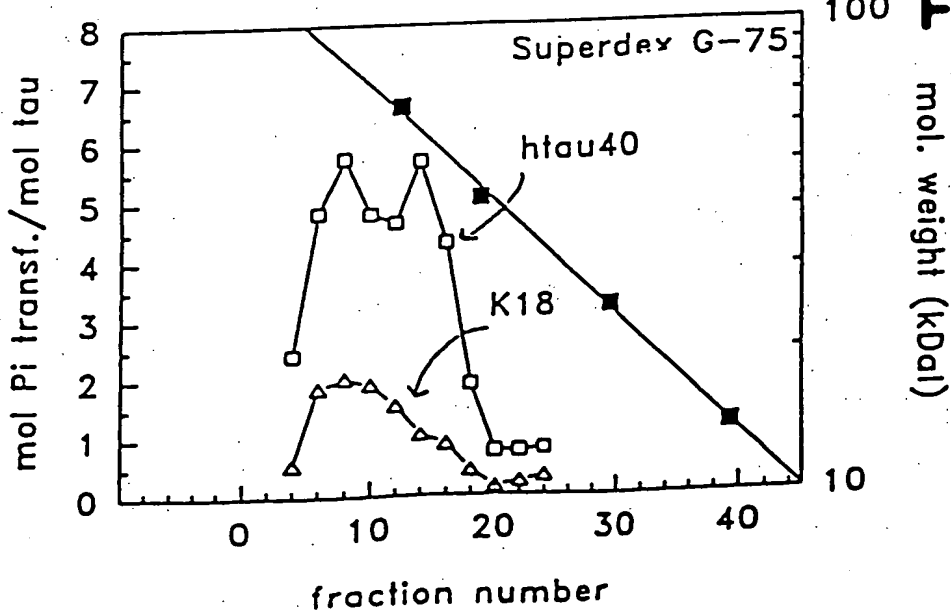
54 / 55



**Fig. 45b**



**Fig. 45c**





55 / 55

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1  
PAGE



Fig. 46a

2  
AR



Fig. 46b

3  
TAU-1



Fig. 46c

4  
AT-8



Fig. 46d

LANE	1	2	3	4	5	6	7	8	9
TIME (h)	0	0.2	0.5	1.5	3	6	10	24	0